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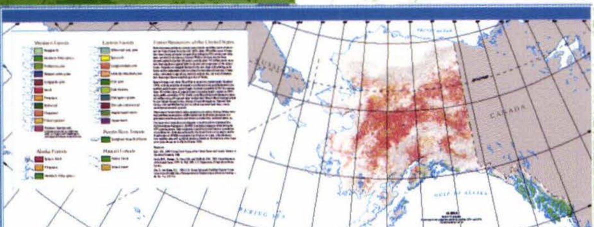
Forest Resources of the United States, 2002

W. BRAD SMITH, PATRICK D. MILES, JOHN S. VISSAGE, AND SCOTT A. PUGH



A Technical Document Supporting
the USDA Forest Service 2005 Update of the RPA Assessment

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

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IMPORTANT NOTE:
The reader is cautioned that all tables in this report carry the nominal date of 2002. The actual data presented, however, represents the best data available at the end of the 2001 field season for each State. Table A-3 in Appendix A displays the actual date of data collection for each State by data category. For example, a new inventory of North Carolina was completed after the October 2001 cutoff date for data for this report. As a result, the data in this report for North Carolina were based on information collected in 1990 and may not accurately reflect what appears in the 2002 North Carolina State inventory report.

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Introduction

Forest resource growth, harvests, and land use conversion can change inventories within States, among regions, and even among countries, and can significantly influence the future performance of resources. This could affect the State, regional, and national economies that depend on the affected resources, as well as the resource environments. Periodic surveys provide information needed to assess the current status and performance of resources, and to estimate their future condition. As required by the Forest and Rangeland Renewable Resources Planning Act of 1974 (RPA), P.L. 93-378, 88 Stat. 4765, as amended, this report updates information on the Nation's forest resource.

This report updates resource statistics published by Smith *et al.* (2001). For brevity and balance in presenting reporting periods in tabular outputs, RPA Assessment data for 1963, 1970, and 1992 have been omitted from this report. To provide a context for evaluating and interpreting changes in the forest resource, data for 1953, 1963 (some tables), 1977, 1987, and 1997 are included. A forest type map produced from satellite imagery displaying the area and location of forest land in the United States is available on the Internet at http://www.nationalatlas.gov. A compact disk (CD) is provided in a pocket at the back of this publication that contains the data used for this report and an interactive computer tool for accessing and displaying the data in tables and maps. A user manual with tutorials is provided on the CD.

Geographic Context of the United States

The main landmass of the United States, situated in mid-North America (fig. 1), has a central plain with hills and low mountains to the east and rugged mountains and wide valleys to the west. Alaska, on Canada's western border, is dominated by Pacific and Arctic mountains, central plateau, and Arctic slope. Hawaii, comprised of tops of a chain of submerged volcanic mountains, lies 1,600 miles west of the mainland in the north Pacific.

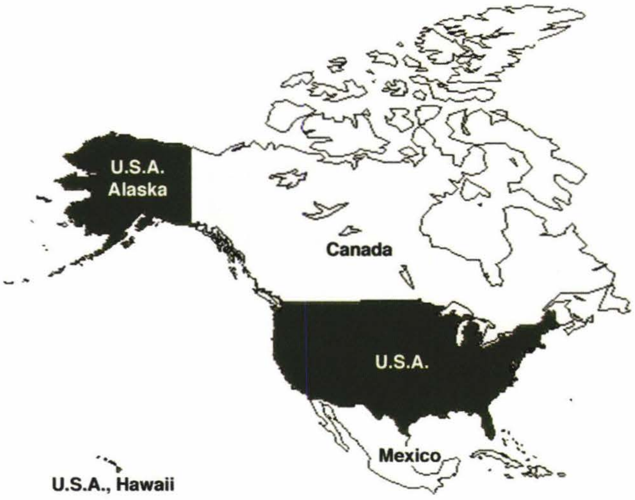

Figure 1—*Geographic location of the United States in North America.*

Original forests were abundant throughout the Eastern U.S., mountainous regions of the interior and coastal west, Hawaii, and non-polar regions of Alaska. Today, the forests of the United States cover 749 million acres, are split almost evenly east and west of the central plain, and contain over 800 species of trees of which 82 are non-native. About one-third of the pre-European settlement forest has been cleared, primarily for agriculture during the 19th century. Although there have been significant regional changes, the total area of forest land has been fairly stable for nearly 100 years.

A forest type map based on types described by Eyre (1980) was produced from satellite imagery and is available to display the spatial extent and location of forest land in the United States. This map may be found online at http://www.nationalatlas.gov/fortypem.html, and further information about the mapping process can be found in Zhu and Evans (1992).

For this report, the United States is divided into four major regions: North, South, Rocky Mountain, and Pacific Coast as shown in figure 2. These major regions are divided into subregions for further geographic reference. Due to a lack of historic field data, Alaska is frequently considered a separate region in these highlights.

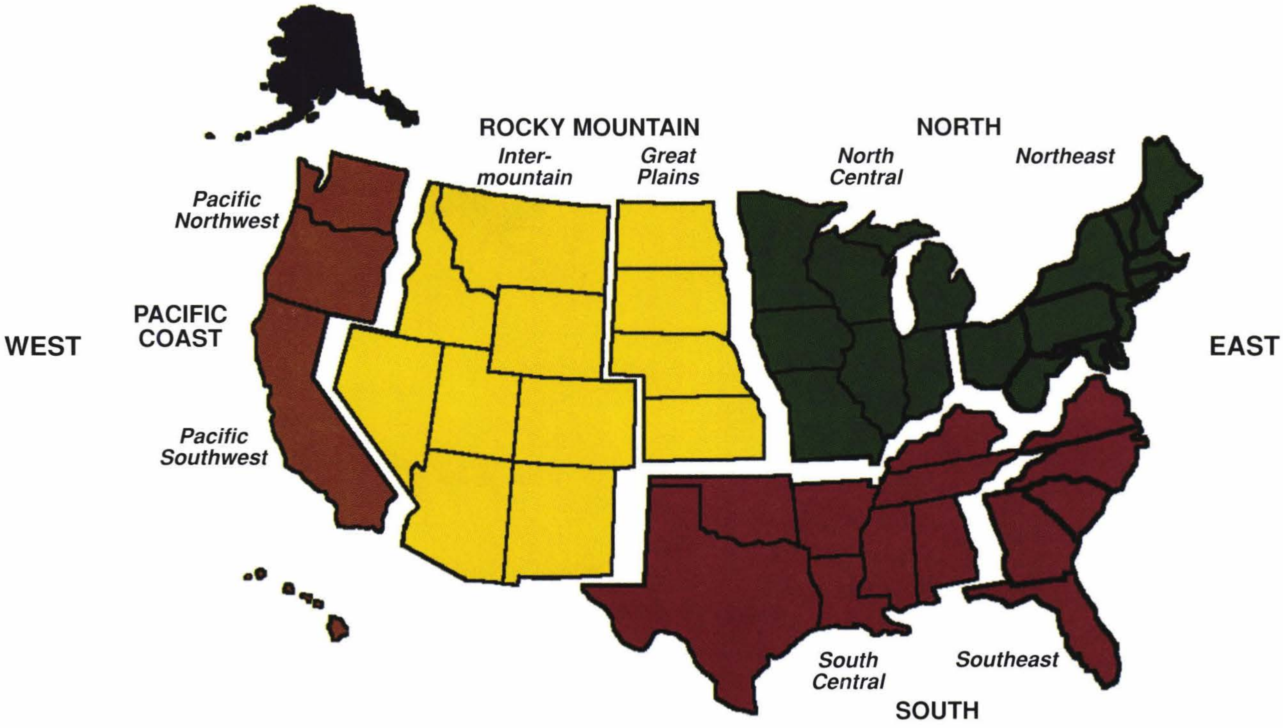
ROCKY MOUNTAIN
Inter-mountain
Great Plains
NORTH
North Central
Northeast
Pacific Northwest
PACIFIC COAST
WEST
EAST
Pacific Southwest
South Central
Southeast
SOUTH

Figure 2—*Forest Resource Reporting Regions and Subregions of the United States.*

Highlights

Information compiled for this Assessment Update indicates that the forest resources of the U.S. have continued improving in general condition and quality, as measured by increased average size and volume of trees. This trend has been evident since the 1960s and before. However, if quality is measured as a function of optimum stand density—that is, optimum number of trees per acre for stands of a given age—then the overall quality of many stands has deteriorated.

The following are some highlights from the new information:

Forest Land Area

- Forest land area increased from 747 to 749 million acres (0.3 percent) between 1997 and 2002, continuing a slight upward trend in area beginning in the late 1980s.
- About 33 percent of the 2.3 billion acres of land area in the U.S. is forest today (fig. 3) as compared to about one-half in 1630 (1.0 billion acres). Some 300 million acres of forest land have been converted to other uses since 1630, predominantly agricultural uses in the East.

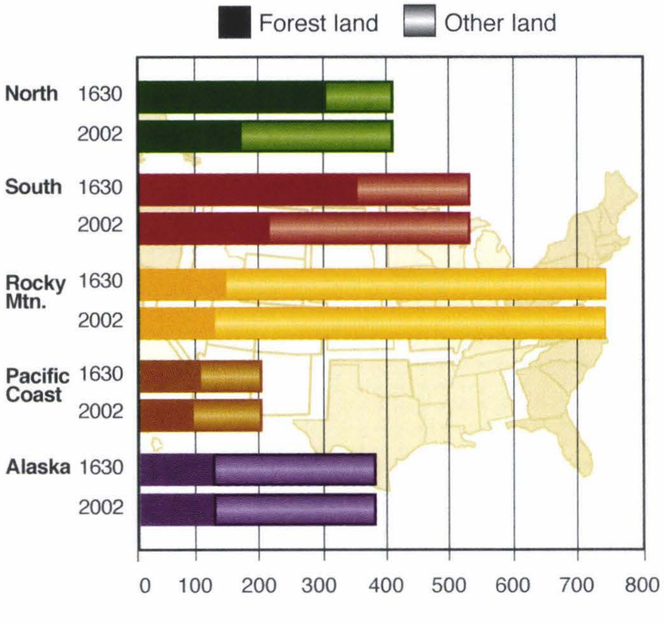

Figure 3—*Land and forest area distribution in the U.S., 1630 and 2002.*

- Nearly two-thirds of the net loss of forests to other uses occurred between 1850 and 1900. By 1920, the clearing of forests for agriculture had largely subsided (fig. 4).

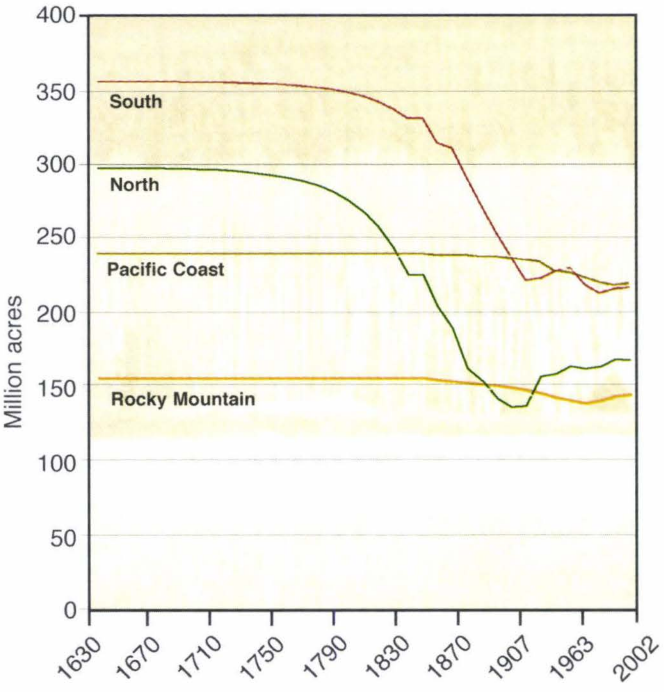

Figure 4—*Forest area of the United States by major region, 1630-2002.*

- Fifty-seven percent of all forest land is privately owned (fig. 5). Public forest land is dominant in the western U.S. and private forest land is dominant in the East.
- Land transfers deriving from the Alaska Native Claims Settlement Act of 1971 and updating of forestland survey data continue. This assessment includes updated estimates for approximately 185 million acres in Alaska. Current FIA plots indicate that private land owners control a minimum of 18.887 million acres of forestland in Alaska. Actual ownership of non-industrial private forestland in Alaska is believed to be as much as 35 million acres.
- About 77 million acres of forest land (10 percent of all U.S. forest land) is reserved from commercial timber harvest in wilderness, parks, and other legally reserved classifications

(fig. 6). This is more than double the area of reserved forest in 1953 with major increases occurring in the West. The sharp increase in the Pacific Coast region since 1997 is due to reclassification of lands in Alaska transferred from the Bureau of Land Management to the Park Service and Fish and Wildlife Service.

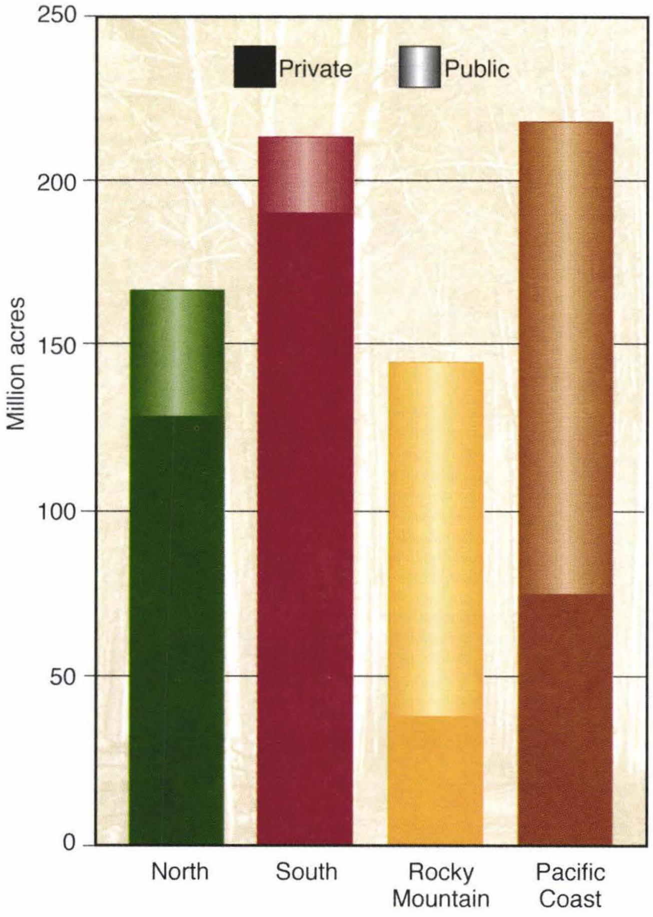

Figure 5—*Distribution of forest land by major region and ownership group.*

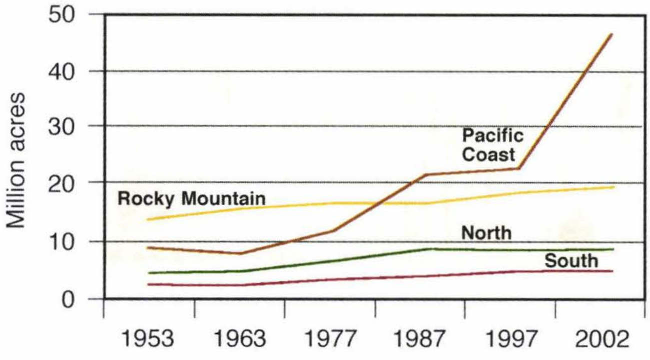

Figure 6—*Trends in reserved forest land by major region, 1953-2002.*

Timberland Area

- About 504 million acres of forest land (two-thirds of all forest land) is classed as timberland—forest land capable of producing in excess of 20 cubic feet per acre per year and not legally withdrawn from timber production—94 percent of eastern forests are classed as timberland, 80 percent of the Pacific Northwest, about 50 percent of the interior West and Southwest, and 10 percent of Alaska.

- Since 1953, the area of timberland had a net loss of about 1 percent, or about 5 million acres. Over the last 5 decades, losses have come primarily from withdrawals of public timberland as wilderness or other reserved forests that do not permit timber harvest, and conversion of timberland to nonforest land use. Most increases have come from reclassification of marginally productive forests and reversion of abandoned lands.

Timber Inventories

- Growing-stock volume on U.S. timberland increased from 616 to 856 billion cubic feet (39 percent) between 1953 and 2002 (fig. 7). Between those years, average growing-stock volume rose by 96 percent in the North, 80 percent in the South, and 42 percent in the Rocky Mountain region. Volume declined in the Pacific Coast region. The loss of timberland in the Pacific Coast region is the result of harvesting in older, higher volume stands since 1953 and set asides of large areas of older stands in reserved forests (which reclassifies trees in these areas as non-growing stock). The rate of loss has subsided in recent years as harvesting has been sharply curtailed and total volume for the region has begun to stabilize.

- Some 57 percent of the volume of growing stock is softwoods, with the remaining 43 percent is in hardwoods. However, 90 percent of the hardwood timber is in the Eastern United

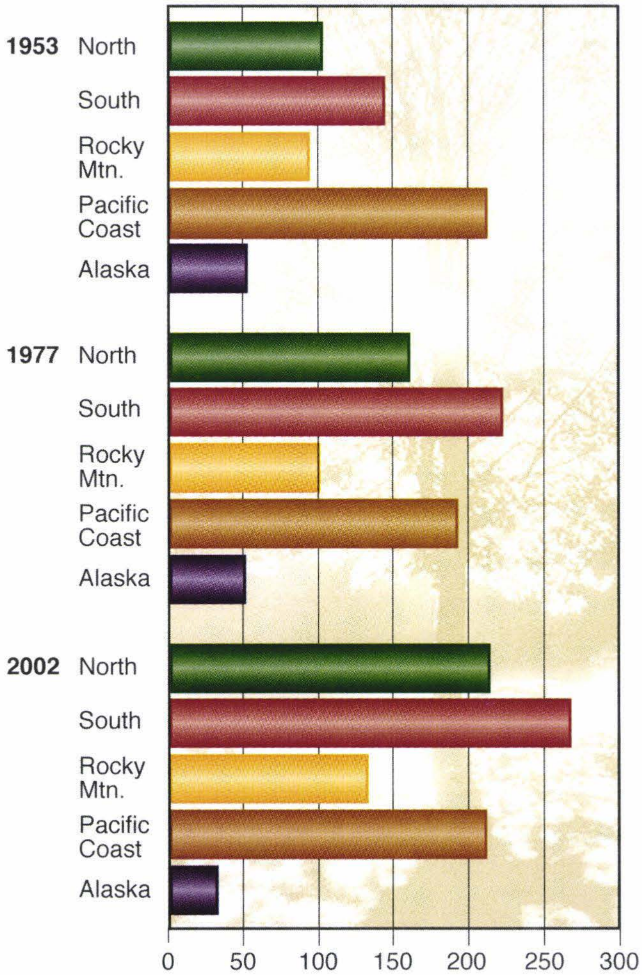

Figure 7—*Trends in growing-stock volume on timberland by region, 1953-2002.*

States. About 68 percent of the softwood timber is in the Western United States and 22 percent is in the South.

- Because hardwood growth greatly exceeds harvest, the quantity of larger hardwood trees generally continues to increase. However, highgrading, or removing only the largest and best trees, may create shortages of high quality trees in some localities.

- The net growing-stock volume of U.S. hardwoods increased by 37 percent between 1977 and 2002 and by 98 percent between 1953 and 2002. This rapid increase has subsided in recent years as changing technology has increased demand for hardwood species in product manufacture.

- The volume of hardwoods in diameter classes greater than 20 inches has doubled since 1953, from 26 to 66 billion cubic feet in 2002 (fig. 8).

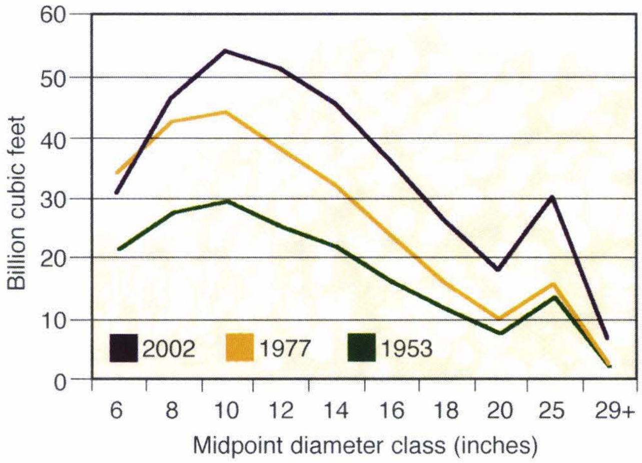

Figure 8—*Distribution of hardwood growing stock on timberland by diameter class, 1953, 1977, and 2002.*

- The net volume of U.S. softwoods increased from 432 billion to 492 billion cubic feet (14 percent) between 1953 and 2002. Volumes are higher in all diameter classes below 25 inches (fig. 9). Lower volumes in larger trees since 1953 are the result of harvesting of large trees and the increased area set aside as reserved forest (which reclassifies trees in these areas as non-growing stock).

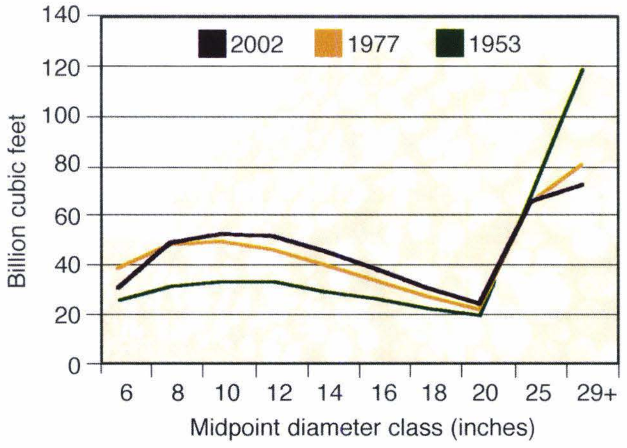

Figure 9—*Distribution of softwood growing stock on timberland by diameter class, 1953, 1977, and 2002.*

- The slower increase in standing volume for softwoods versus hardwoods is the result of stronger historic demand for softwood species in wood product manufacture.

- For the first time since 1953, declines were observed for softwood inventory on private lands and hardwood inventory on forest industry lands in the South.

- For the South as a whole, the volume of standing softwood inventory increased by 3 percent between 1997 and 2002, reversing a decline of 0.7 percent between 1987 and 1997.

Mortality

- Timber mortality increased between 1976 and 2001 in all regions of the country, on all ownerships, and for both hardwoods and softwoods (fig. 10). Nationally, the volume of mortality was up 54 percent from 1976 to 2001, from 4.1 billion cubic feet to 6.3 billion cubic feet—0.74 percent of the growing-stock inventory in 2001 compared to 0.56 percent in 1976. Softwood mortality rose by 46 percent between 1976 and 2001 and hardwood mortality rose by 66 percent. Although these increases are significant, there is no evidence to suggest that they are beyond the range of normal variability as the rate has fluctuated up and down since the first national statistics were reported in 1953. Continued monitoring will be critical in providing more information.

- Timber mortality rates in the South increased between 1976 and 2001—36 percent for hardwoods and 37 percent for softwoods (fig. 11). Recent insect outbreaks in the South and West as well as hurricane impacts in the South were significant factors in sharply rising mortality rates. Regional mortality patterns reflect the impact of these events.

Growth and Harvest

The relationship of growth and removals is a coarse-filter measure that approximates the notion of sustainable production: If the Nation is growing more wood than it is cutting it implies that levels of wood production and standing volume are sustainable. Growth is assumed to be a measure of sustainable output. However, the relationship conveys no information about quality, forest types, size, and other attributes of growth and harvest.

- Data for the Nation as a whole indicate that growth has exceeded removals for both softwoods and hardwoods since the first national statistics were reported for 1952. In 2001, for the Nation, net growth exceeded removals by 33 percent (fig. 12). That is, the Nation's forest inventory accrued more volume than it lost by mortality and harvest by nearly one-third. Recent declines in harvesting on public lands in the West have significantly deviated from historic growth/removals patterns and have placed more pressure on eastern forests that are predominantly in private ownership.

- In the 1920s, timber growth nationally was about half the rate of harvest. By the 1940s, improving forest growth rates and modestly declining harvest rates resulted in timber growth and harvest coming into approximate balance. By 1952, timber growth nationally exceeded harvest by 17 percent. Since the 1950s, timber growth has consistently exceeded harvest.

- Net timber growth exceeded harvest by 54 percent in 1976, 36 percent in 1986, and 33 percent in 2001. Net growth rates have not been increasing as rapidly as in the past, while harvest levels have remained relatively stable since 1986. Additional resource demands have been met by increased imports.

- In 2001, growth exceeded removals in all regions of the country: in the North by 49 percent, in the South by 12 percent, in the Rocky Mountains by 74 percent, and in the Pacific Coast region by 47 percent. For the

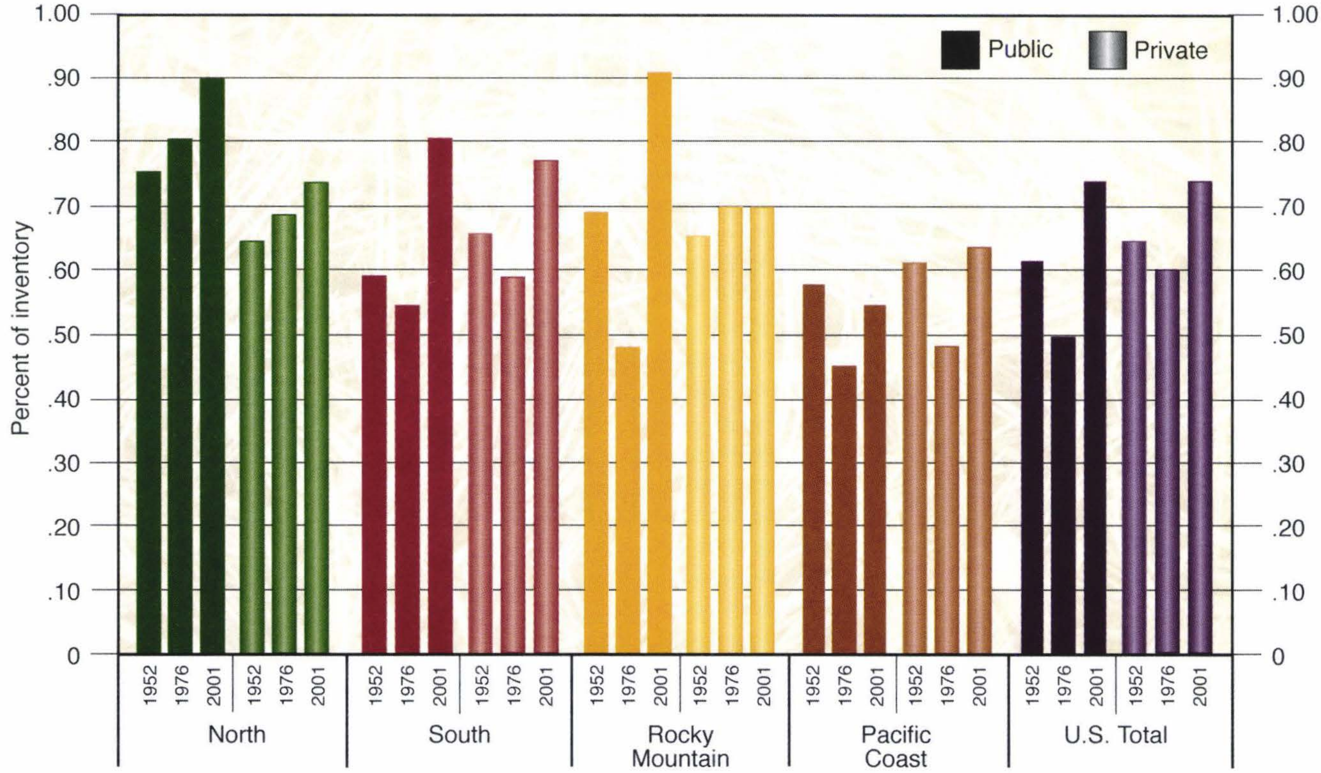

Figure 10—*Mortality as a percent of growing-stock volume on timberland by major owner group, 1952-2001.*

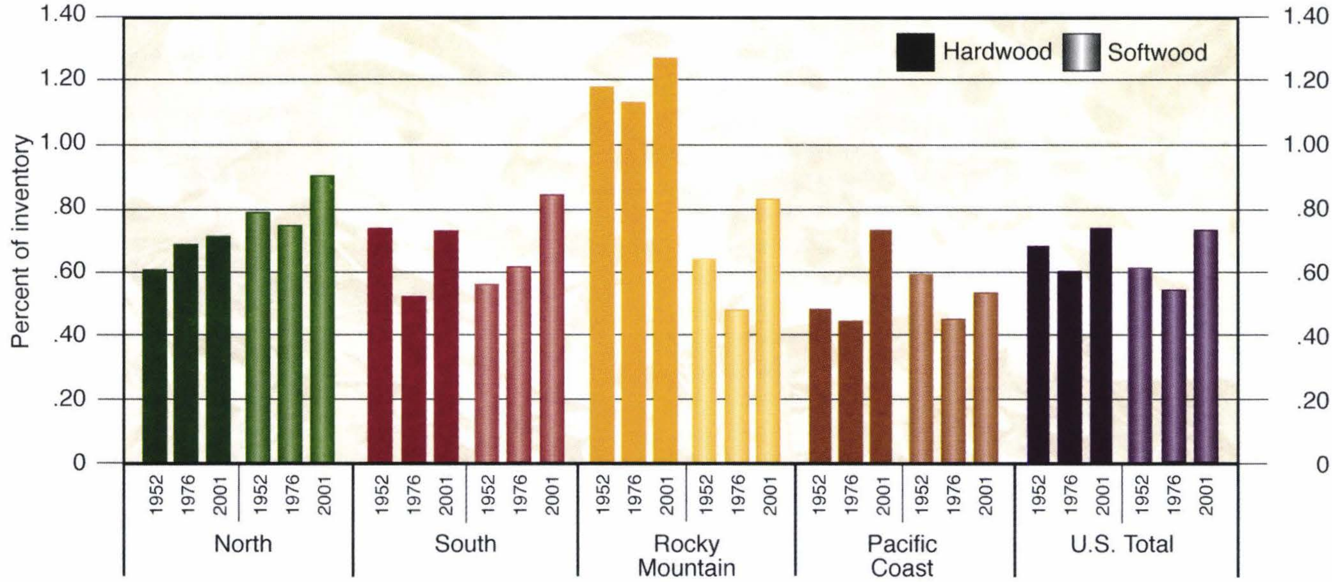

Figure 11—*Mortality as a percent of growing-stock volume on timberland by species group and region, 1952-2001.*

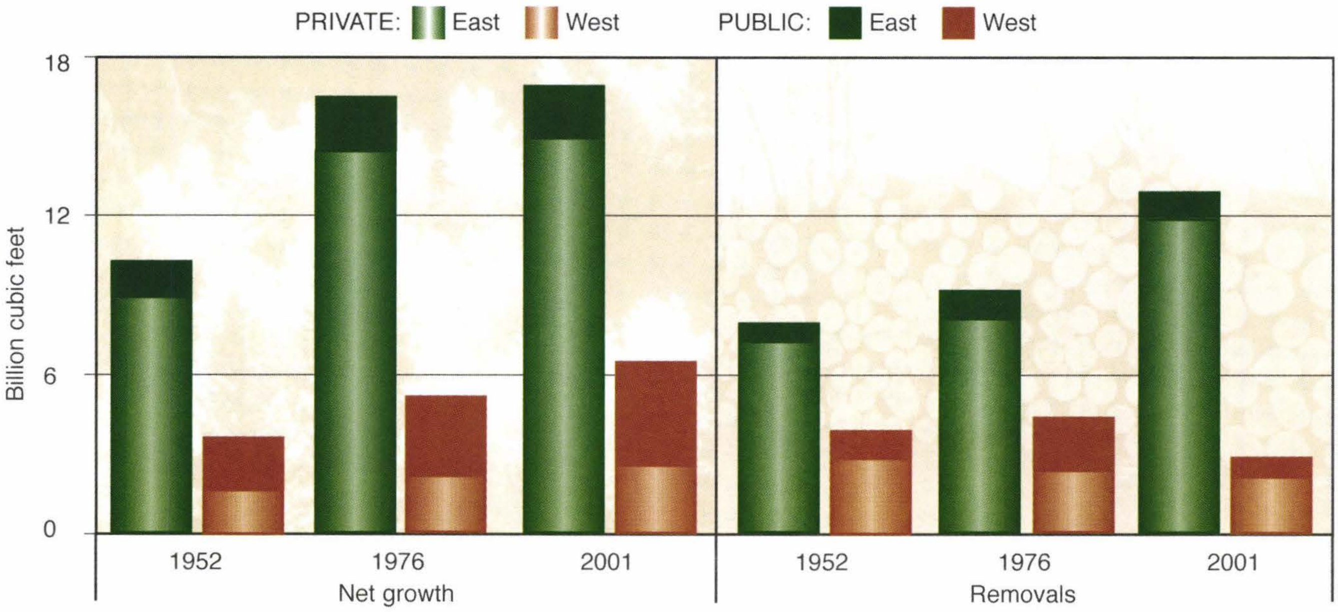

Figure 12—*Growing-stock growth and removals by major region, 1952-2001.*

United States, hardwood growth exceeded removals by 42 percent, and softwoods by 26 percent.

- Total timber growth increased by about 72 percent between 1952 and 2001.
- In the South, softwood removals were approximately equal to growth in 2001.

Trends in Removals

- Timber harvests have remained stable since 1986 but have risen by 13 percent since 1976. In 2001, growing-stock removals totaled 16 billion cubic feet.
- In 2001, about 64 percent of the volume of timber removals was softwoods and 36 percent was hardwoods, compared with 69 and 31 percent, respectively, in 1986. This reflects a trend toward rising hardwood removals in response to new product technologies using hardwoods.
- The South accounted for 63 percent of growing-stock removals in 2001, up from 51 percent in 1986.
- The predominant use of growing stock continues to be for lumber and plywood manufactured predominantly from saw logs and veneer logs. Saw logs accounted for 49 percent of growing-stock volume harvested in 2001, veneer logs—9 percent, and pulpwood—35 percent. The remaining 7 percent was used for fuelwood and other products. Pulp and composite product demand continues to rise, increasing by 25 percent since 1986 (fig. 13).

Ownership and Harvest

- Seventy-one percent of timberland is privately owned (including forest industry), but these lands accounted for 92 percent of growing-stock removals in 2001.
- Non-industrial private ownerships made up 58 percent (291 million acres) of U.S. timberland and accounted for 63 percent of the volume of growing-stock removals in 2001. Timber harvest on non-industrial private forest lands increased by about 46 percent between 1986 and 2001 as a large share of harvesting shifted from the Pacific Northwest to the South (fig. 14).

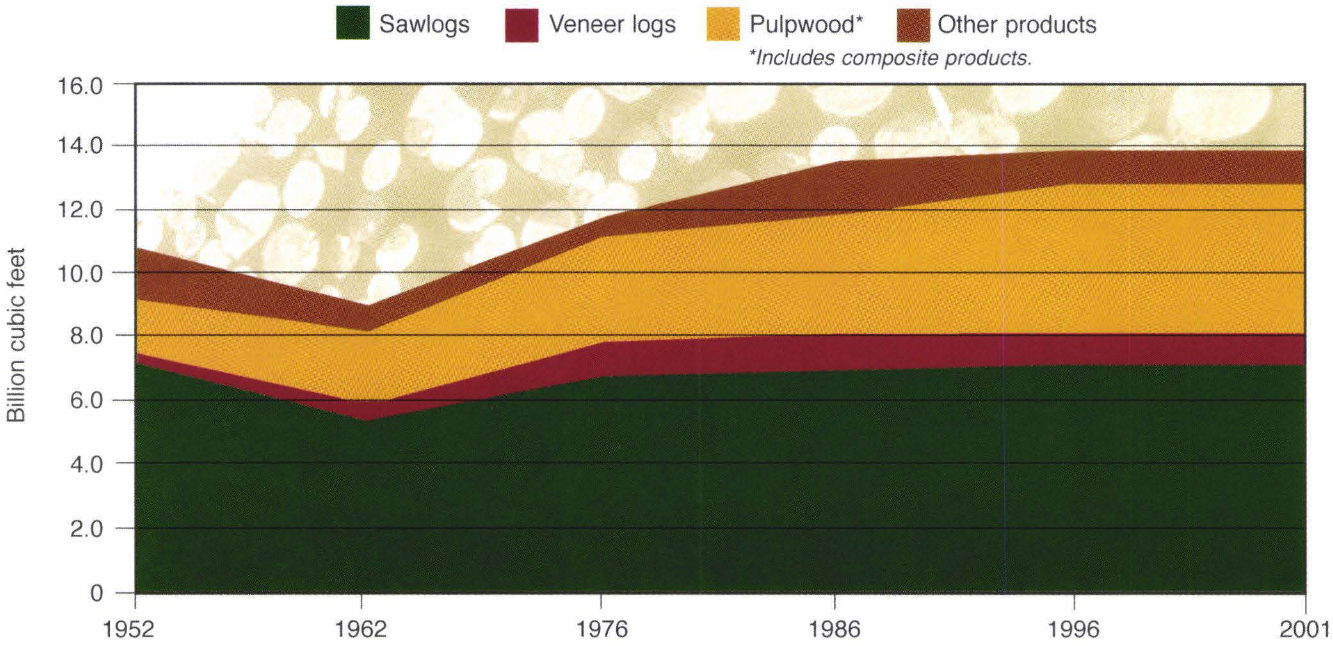

Figure 13.—*Trends in growing stock harvested for timber products output, 1952-2002.*

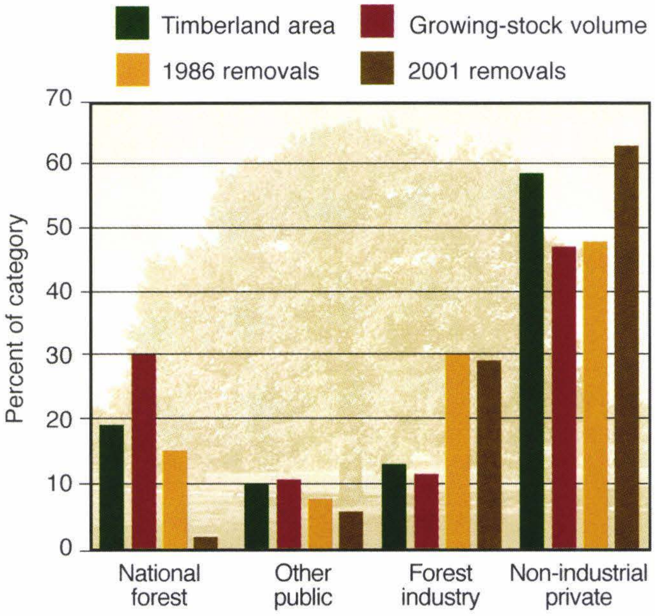

Figure 14—*Proportion of timberland area, growing-stock volume, and harvest volume by ownership group, 2001.*

- Industrial private forests accounted for 13 percent of U.S. timberland (66 million acres). Although these forests contain only 12 percent of the growing-stock volume, in 2001 they accounted for 29 percent of the volume of growing stock harvested.

- Public forests comprise 29 percent (148 million acres) of U.S. timberland. National forests are the largest Federal ownership, making up 19 percent of U.S. timberland but accounting for only 2 percent of timber harvest in 2001. National forest timber harvest levels declined by 84 percent between 1986 and 2001, after rising by 92 percent between 1952 and 1986.

- Other public forests made up 10 percent of U.S. timberland and accounted for 6 percent of growing-stock removals in 2001 as harvesting on public forests continued to decline. Harvest on other public forest lands declined by 14 percent between 1986 and 2001.

Board Foot Tables

This document does not contain board foot tables. However, recognizing an important client base for these tables to compare historic data for certain products or geographic regions, these tables may be downloaded from the FIA Web site at http://www.fia.fs.fed.us/rpa.

Additional Analysis

Additional analysis of the 2002 data may be found in the 2003 National Report on Sustainable Forests (http://www.fs.fed.us/research/sustain/data.htm). Most of the data for Criterion 2, derived primarily from the RPA data in this report, were provided by Forest Inventory and Analysis (http://www.fia.fs.fed.us).

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Glossary

Annual mortality—The average annual volume of sound wood in growing-stock trees that died from natural causes during the period between inventories.

Annual removals—The net volume of growing-stock trees removed from the inventory during a specified year by harvesting, cultural operations such as timber stand improvement, or land clearing.

Bureau of Land Management (BLM)—An ownership class of Federal lands administered by the Bureau of Land Management, U.S. Department of the Interior.

Coarse materials—Wood residues suitable for chipping, such as slabs, edgings, and trimmings.

Commercial species—Tree species suitable for industrial wood products.

County and municipal—An ownership class of public lands owned by counties or local public agencies, or lands leased by these governmental units for more than 50 years.

Cull tree—A live tree, 5.0 inches in diameter at breast height (d.b.h.) or larger, that is unmerchantable for saw logs now or prospectively because of rot, roughness, or species. (See definitions for rotten and rough trees.)

Diameter class—A classification of trees based on diameter outside bark measured at breast height (4-1/2 feet above ground). D.b.h. is the common abbreviation for diameter at breast height. With 2-inch diameter classes, the 6-inch class, for example, includes trees 5.0 through 6.9 inches d.b.h.

Federal—An ownership class of public lands owned by the U.S. Government.

Fiber products—Products derived from wood and bark residues, such as pulp, composition board products, and wood chips for export.

Fine materials—Wood residues not suitable for chipping, such as planer shavings and sawdust.

Forest industry—An ownership class of private lands owned by companies or individuals operating wood-using plants.

Forest land—Land at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and nonforested lands that are at least 10 percent stocked with forest trees and forest areas adjacent to urban and built-up lands. Also included are pinyon-juniper and chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of trees must have a crown width of at least 120 feet to qualify as forest land. Unimproved roads and trails, streams, and clearings in forest areas are classified as forest if less than 120 feet wide.

Forest type—A classification of forest land based on the species presently forming a plurality of the live-tree stocking.

Forest type group—A combination of forest types that share closely associated species or site requirements and are generally combined for brevity of reporting.

Major eastern forest type groups:

White-red-jack pine—Forests in which eastern white pine, red pine, or jack pine, singly or in combination, comprise a plurality of the stocking. Common associates include hemlock, aspen, birch, and maple.

Spruce-fir—Forests in which spruce or true firs, singly or in combination, comprise a plurality of the stocking. Common associates include white cedar, tamarack, maple, birch, and hemlock.

Longleaf-slash pine—Forests in which longleaf or slash pine, singly or in combination, comprise a plurality of the stocking. Common associates include other southern pines, oak, and gum.

Loblolly-shortleaf pine—Forests in which loblolly pine, shortleaf pine, or southern yellow pines, except longleaf or slash pine, singly or in combination, comprise a plurality of the stocking. Common associates include oak, hickory, and gum.

Oak-pine—Forests in which hardwoods (usually upland oaks) comprise a plurality of the stocking, but in which pine or eastern redcedar comprises 25-50 percent of the stocking. Common associates include gum, hickory, and yellow-poplar.

Oak-hickory—Forests in which upland oaks or hickory, singly or in combination, comprise a plurality of the stocking except where pines comprise 25-50 percent, in which case the stand is classified as oak-pine. Common associates include yellow-poplar, elm, maple, and black walnut.

Oak-gum-cypress—Bottomland forests in which tupelo, blackgum, sweetgum, oaks, or southern cypress, singly or in combination, comprise a plurality of the stocking except where pines comprise 25-50 percent, in which case the stand is classified as oak-pine. Common associates include cottonwood, willow, ash, elm, hackberry, and maple.

Elm-ash-cottonwood—Forests in which elm, ash, or cottonwood, singly or in combination, comprise a plurality of the stocking. Common associates include willow, sycamore, beech, and maple.

Maple-beech-birch—Forests in which maple, beech, or yellow birch, singly or in combination, comprise a plurality of the stocking. Common associates include hemlock, elm, basswood, and white pine.

Aspen-birch—Forests in which aspen, balsam poplar, paper birch, or gray birch, singly or in combination, comprise a plurality of the stocking. Common associates include maple and balsam fir.

Major western forest type groups:

Douglas-fir—Forests in which Douglas-fir comprises a plurality of the stocking. Common associates include western hemlock, western redcedar, the true firs, redwood, ponderosa pine, and larch.

Hemlock-Sitka spruce—Forests in which western hemlock and/or Sitka spruce comprise a plurality of the stocking. Common associates include Douglas-fir, silver fir, and western redcedar.

Redwood—Forests in which redwood comprises a plurality of the stocking. Common associates include Douglas-fir, grand fir, and tanoak.

Ponderosa pine—Forests in which ponderosa pine comprises a plurality of the stocking. Common associates include Jeffrey pine, sugar pine, limber pine, Arizona pine, Apache pine, Chihuahua pine, Douglas-fir, incense-cedar, and white fir.

Western white pine—Forests in which western white pine comprises a plurality of the stocking. Common associates include western redcedar, larch, white fir, Douglas-fir, lodgepole pine, and Engelmann spruce.

Lodgepole pine—Forests in which lodgepole pine comprises a plurality of the stocking. Common associates include alpine fir, western white pine, Engelmann spruce, aspen, and larch.

Larch—Forests in which western larch comprises a plurality of the stocking. Common associates include Douglas-fir, grand fir, western redcedar, and western white pine.

Fir-spruce—Forests in which true firs, Engelmann spruce, or Colorado blue spruce, singly or in combination, comprise a plurality of the stocking. Common associates include mountain hemlock and lodgepole pine.

Western hardwoods—Forests in which aspen, red alder, or other western hardwoods, singly or in combination, comprise a plurality of the stocking.

Chaparral—Forests of heavily branched, dwarfed trees or shrubs, usually evergreen, the crown canopy of which at maturity covers more than 50 percent of the ground and whose primary value is watershed protection.

The more common chaparral constituents are species of *Quercus*, *Cercocarpus*, *Garrya*, *Ceanothus*, *Arctostaphylos*, and *Adenostoma*. Types dominated by such shrubs as *Artemisia*, *Chrysothamnus*, *Purshia*, *Gutierrezia*, or semidesert species are not commonly considered chaparral.

Pinyon-juniper—Forests in which pinyon or juniper, or both, comprise a plurality of the stocking.

Other softwoods—Forests in which other softwood species not mentioned above comprise a plurality of the stocking. These are primarily black spruce forests in interior Alaska.

Fuelwood—Wood used for conversion to some form of energy, primarily in residential use.

Growing stock—A classification of timber inventory that includes live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. When associated with volume, includes only trees 5.0 inches d.b.h. and larger.

Hardwood—A dicotyledonous tree, usually broad-leaved and deciduous.

Industrial wood—All commercial roundwood products except fuelwood.

Land area—The area of dry land and land temporarily or partly covered by water, such as marshes, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than 200 feet wide; and lakes, reservoirs, and ponds less than 4.5 acres in area.

Live cull—A classification that includes live cull trees. When associated with volume, it is the net volume in live cull trees that are 5.0 inches d.b.h. and larger.

Logging residues—The unused portions of growing-stock and non-growing-stock trees cut or killed by logging and left in the woods (footnote on table 40).

Lowland forest types—Generally refers to the elm-ash-cottonwood and oak-gum-cypress forest types.

National forest—An ownership class of Federal lands, designated by Executive order or statute as national forests or purchase units, and other lands under the administration of the Forest Service including experimental areas and Bankhead-Jones Title III lands.

Native American land—(a) Lands held in trust by the United States or individual States for Native American tribes or individual Native Americans; (b) Lands owned in fee by Native American tribes whether subject to Federal or State restrictions against alienation or not.

Net annual growth—The average annual net increase in the volume of trees during the period between inventories. Components include the increment in net volume of trees at the beginning of the specific year surviving to its end, plus the net volume of trees reaching the minimum size class during the year, minus the volume of trees that died during the year, and minus the net volume of trees that became cull trees during the year.

Net volume in cubic feet—The gross volume in cubic feet less deductions for rot, roughness, and poor form. Volume is computed for the central stem from a 1-foot stump to a minimum 4.0-inch top diameter outside bark, or to the point where the central stem breaks into limbs.

Noncommercial species—Tree species of typically small size, poor form, or inferior quality, which normally do not develop into trees suitable for industrial wood products.

Nonforest land—Land that has never supported forests and lands formerly forested where use of timber management is precluded by development for other uses. (Note: Includes area used for crops, improved pasture, residential areas, city parks, improved roads of any width and adjoining clearings, powerline clearings of any width, and 1- to 4.5-acre areas of water classified by the Bureau of the Census as land. If intermingled in forest areas, unimproved roads and nonforest strips must be more than 120 feet wide, and clearings, etc., must be more than 1 acre in area, to qualify as nonforest land.)

Nonindustrial private—An ownership class of private lands where the owner does not operate wood-using plants.

Nonstocked areas—Timberland less than 10 percent stocked with all live trees.

Other Federal—An ownership class of Federal lands other than those administered by the Forest Service or the Bureau of Land Management. This category includes the National Park Service, Fish and Wildlife Service, Departments of Defense and Energy, and miscellaneous Federal ownerships.

Other forest land—Forest land other than timberland and reserved forest land. It includes available forest land, which is incapable of annually producing 20 cubic feet per acre of industrial wood under natural conditions because of adverse site conditions such as sterile soils, dry climate, poor drainage, high elevation, steepness, or rockiness.

Other land—Nonforest land less the area in streams, sloughs, estuaries, and canals between 120 and 200 feet wide and lakes, reservoirs, and ponds between 1 and 4.5 acres in area.

Other private—An ownership class of private lands that are not owned by forest industry or farmers.

Other products—A miscellaneous category of roundwood products that includes such items as cooperage, pilings, poles, posts, shakes, shingles, board mills, charcoal, and export logs.

Other public—An ownership class that includes all public lands except national forests. This category generally includes State, county, and municipal ownerships.

Other red oaks—A group of species in the genus *Quercus* that includes scarlet oak, northern pin oak, southern red oak, bear oak, shingle oak, laurel oak, blackjack oak, water oak, pin oak, willow oak, and black oak.

Other removals—Unutilized wood volume from cut or otherwise killed growing stock, from cultural operations such as precommercial thinnings, or from timberland clearing. Does not include volume removed from inventory through reclassification of timberland to productive reserved forest land.

Other sources—Sources of roundwood products that are not growing stock. These include salvable dead trees, rough and rotten trees, trees of noncommercial species, trees less than 5.0 inches d.b.h., tops, and roundwood harvested from nonforest land (for example, fence rows).

Other white oaks—A group of species in the genus *Quercus* that includes overcup oak, chestnut oak, and post oak.

Ownership—The property owned by one ownership unit, including all parcels of land in the United States.

Ownership unit—A classification of ownership encompassing all types of legal entities having an ownership interest in land, regardless of the number of people involved. A unit may be an individual; a combination of persons; a legal entity such as a corporation, partnership, club, or trust; or a public agency. An ownership unit has control of a parcel or group of parcels of land.

Poletimber trees—Live trees at least 5.0 inches in d.b.h. but smaller than sawtimber trees.

Primary wood-using mill—A mill that converts roundwood products into other wood products. Common examples are sawmills that convert saw logs into lumber and pulpmills that convert pulpwood into wood pulp.

Productivity class—A classification of forest land in terms of potential annual cubic-foot volume growth per acre at culmination of mean annual increment in fully stocked natural stands.

Pulpwood—Roundwood, whole-tree chips, or wood residues that are used for the production of wood pulp.

Reserved forest land—Forest land withdrawn from timber utilization through statute, administrative regulation, or designation without regard to productive status.

Residues—Bark and woody materials that are generated in primary wood-using mills when roundwood products are converted to other products. Examples are slabs, edgings, trimmings, miscuts, sawdust, shavings, veneer cores and clippings, and pulp screenings. Includes bark residues and wood residues (both coarse and fine materials) but excludes logging residues.

Rotten tree—A live tree of commercial species that does not contain a saw log now or prospectively primarily because of rot (that is, when rot accounts for more than 50 percent of the total cull volume).

Rough tree—(a) A live tree of commercial species that does not contain a saw log now or prospectively primarily because of roughness (that is, when sound cull due to such factors as poor form, splits, or cracks accounts for more than 50 percent of the total cull volume) or (b) a live tree of noncommercial species.

Roundwood products—Logs, bolts, and other round timber generated from harvesting trees for industrial or consumer use.

Rural-urban continuum—A classification of U.S. counties by urban characteristic as described by Butler and Beale (1993). Classes are generically defined as follows:

Major metro
Major metro-Central: Central counties of metropolitan areas of 1 million population or more
Major metro-Fringe: Fringe counties of metropolitan areas of 1 million population or more

Intermediate and small metro
Intermediate metro: Counties in metropolitan areas of 250,000 - 1,000,000 population
Small metro: Counties in metropolitan areas of less than 250,000 population

Large town
Large town metro: Urban population of 20,000 or more, adjacent to a metropolitan area
Large town nonmetro: Urban population of 20,000 or more, not adjacent to a metropolitan area

Small town
Small town metro: Urban population of 2,500 - 19,999, adjacent to a metropolitan area
Small town nonmetro: Urban population of 2,500 - 19,999, not adjacent to a metropolitan area

Rural
Rural metro: Completely rural (no places with a population of 2,500 or more) adjacent to a metropolitan area
Rural nonmetro: Completely rural (no places with a population of 2,500 or more) not adjacent to a metropolitan area

Salvable dead tree—A downed or standing dead tree that is considered currently or potentially merchantable by regional standards.

Saplings—Live trees 1.0 inch through 4.9 inches d.b.h.

Saw log—A log meeting minimum standards of diameter, length, and defect, including logs at least 8 feet long, sound and straight, and with a minimum diameter inside bark of 6 inches for softwoods and 8 inches for hardwoods, or meeting other combinations of size and defect specified by regional standards.

Seedlings—Live trees less than 1.0 inch d.b.h. and at least 1 foot in height.

Select red oaks—A group of species in the genus *Quercus* that includes cherrybark oak, northern red oak, and Shumard oak.

Select white oaks—A group of species in the genus *Quercus* that includes white oak, swamp white oak, bur oak, swamp chestnut oak, and chinkapin oak.

Softwood—A coniferous tree, usually evergreen, having needles or scale-like leaves.

Sound dead—The net volume in salvable dead trees.

Stand-size class—A classification of forest land based on the size class of all live trees in the area. The classes include:

> **Nonstocked stands**—Forest land that is stocked with less than 10 percent of full stocking with all live trees. Examples are recently cut-over areas or recently reverted agricultural fields.
>
> **Seedling-sapling stands**—Forest land that is stocked with at least 10 percent of full stocking with all live trees with half or more of such stocking in seedlings or saplings or both.
>
> **Poletimber stands**—Forest land that is stocked with at least 10 percent of full stocking with all live trees with half or more of such stocking in poletimber or sawtimber trees or both, and in which the stocking of poletimber exceeds that of sawtimber.
>
> **Sawtimber stands**—Forest land that is stocked with at least 10 percent of full stocking with all live trees with half or more of such stocking in poletimber or sawtimber trees or both, and in which the stocking of sawtimber is at least equal to that of poletimber.

State—An ownership class of public lands owned by States or lands leased by States for more than 50 years.

Stocking—The degree of occupancy of land by trees, measured by basal area or number of trees by size and spacing, or both, compared to a stocking standard; that is, the basal area or number of trees, or both, required to fully utilize the growth potential of the land.

Timberland—Forest land that is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. (Note: Areas qualifying as timberland are capable of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included.)

Tops—The wood of a tree above the merchantable height (or above the point on the stem 4.0 inches diameter outside bark [d.o.b.]). It includes the usable material in the uppermost stem.

Unreserved forest land—Forest land that is not withdrawn from harvest by statute or administrative regulation. Includes forest lands that are not capable of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands.

Veneer log—A roundwood product from which veneer is sliced or sawn and that usually meets certain standards of minimum diameter and length and maximum defect.

Weight—The weight of wood and bark, oven-dry basis (approximately 12 percent moisture content).

Xerophytic plants—Plants growing where soil moisture conditions are very dry most of the time.

Appendix A: Procedures for the Update

Timing of Inventory Data

The tables in this report are dated 2002 for area and volume and 2001 for growth, mortality, and removals. These dates are used as nominal dates for national reporting. The actual inventory for a particular State is the most recent inventory available and may not have been collected in 1996-2000. Until recently, forest inventory in the United States has been a cyclic process with new inventories conducted in each State every 10-12 years. When national statistics are compiled, these data are updated to the extent possible. Tables in this appendix describe when the inventories actually occurred and whether they have been updated for this report. Future assessments will have more current data as new data will be collected in every State every year. For more information on the new FIA procedures, refer to the FIA Strategic Plan found in the "Library" section at http://fia.fs.fed.us.

Adjustments to Historic Inventory Data

Historic data presented in this report for previous national assessments may be adjusted from those found in the original publications. Generally, this is due to changes in data classifications, regional reporting boundaries, or occasionally when data are deemed to be inaccurate due to errors in reporting.

The Database

In 1987, the first national database was developed for the assessment. It was a summary database that placed all inventory data in a common format at the State/owner level of resolution. In 1992, the summary database was made available online. For 2002, the national standard FIA Database (FIADB) was used as a basis for a county-level summary database.

The complete RPA logical database for 2002 is composed of three physical databases. The first is the FIADB national standard database with data available for all forest lands except interior Alaska and Hawaii. These areas were compiled in summary format from modeled inventory data. The second database is the national timber products output (TPO) database composed of data from surveys of primary wood-using facilities (sawmills, pulpmills, veneer mills, chip mills, etc.) as well as residential fuelwood and post producers (Smith 1991 and May 1998). This database provides county-level removals data for the United States. The third database is the national summary database that draws upon each of the other physical databases as well as "value-added" data from the Bureau of the Census such as total county land area, county latitude and longitude envelope, and population. The national summary database is available via the Internet and can provide data at the county level for most of the United States. The exceptions to this general rule are areas of interior Alaska where data are stored in aggregate.

For more information on these databases, log on to http://fia.fs.fed.us. Further information on data collection procedures is available from the USDA Forest Service Research Stations and Regions listed in tables A-1 and A-2.

Appendix Table A-1—Addresses of USDA Forest Service Research Stations with responsibilities for forest inventories in the United States and their area of responsibility[a]

Address	Areas of responsibility
Northeastern Research Station 11 Campus Boulevard Newtown Square, PA 19073	Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, and West Virginia
North Central Research Station 1992 Folwell Avenue St. Paul, MN 55108	Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, and Wisconsin
Southern Research Station 200 Weaver Blvd. P.O. Box 2680 Asheville, NC 28802	Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, Puerto Rico, and the Virgin Islands
Pacific Northwest Research Station P.O. Box 3890 Portland, OR 97208	Alaska, California, Hawaii, Oregon, Washington, and Pacific Trust Islands
Rocky Mountain Research Station Natural Resources Research Center 2150 Centre Avenue, Building A Fort Collins, CO 80526-2098	Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming

[a] For additional information, visit the Forest Inventory and Analysis Web site: www.fia.fs.fed.us.

Appendix Table A-2—Addresses of National Forest System regional offices in the United States

Address	Region	Location of National Forests
Forest Service, USDA **Northern Region** Federal Building P.O. Box 7669 Missoula, MT 59807	Region 1	Montana, northern Idaho, North Dakota, and northwestern South Dakota
Forest Service, USDA **Rocky Mountain Region** 11177 West 8th Avenue P.O. Box 25127 Lakewood, CO 80225	Region 2	Colorado, Kansas, Nebraska, South Dakota, and eastern Wyoming
Forest Service, USDA **Southwestern Region** Federal Building 517 Gold Avenue S.W. Albuquerque, NM 87102	Region 3	Arizona and New Mexico
Forest Service, USDA **Intermountain Region** Federal Building 324 25th Street Ogden, UT 84401	Region 4	Southern Idaho, Nevada, Utah, and western Wyoming
Forest Service, USDA **Pacific Southwest Region** 1323 Club Drive Vallejo, CA 94592	Region 5	California
Forest Service, USDA **Pacific Northwest Region** 333 S.W. 1st Avenue P.O. Box 3623 Portland, OR 97208	Region 6	Oregon and Washington
Forest Service, USDA **Southern Region** 1720 Peachtree Road, N.W. Atlanta, GA 30309	Region 8	Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Tennessee, Texas, Virginia, West Virginia, and Puerto Rico
Forest Service, USDA **Eastern Region** 626 East Wisconsin Avenue Milwaukee, WI 53202	Region 9	Connecticut, Delaware, Illinois, Indiana, Iowa, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, West Virginia, and Wisconsin
Forest Service, USDA **Alaska Region** P.O. Box 21628 Juneau, AK 99802-1628	Region 10	Alaska

For additional information, contact the Internet sites for the regional offices through the USDA Forest Service home page: http://www.fs.fed.us. Timber inventories are managed by the forest management staff in each regional office.

The inventories reported in this document were not actually conducted in 2001-2002, but rather data were collected periodically. A full accounting of the inventory status for national forests, States (non-national forest), and timber products output data found in this report is provided in this appendix.

Appendix Table A-3—Dates of source data for RPA inventory and removals statistics

	Forest inventory data		Timber products output (removals) data			
Region/State	**Non-NFS lands**	**NFS lands**	**Pulpwood**	**Saw logs/ Veneer**	**Fuelwood**	**Other products**
Northeast:						
Connecticut	1998		1996	1984*u*	1984	1984*u*
Delaware	1999		1996	1985*u*	1985	1985*u*
Maine	1995	1995	1996	1995	1995	1995
Maryland	1999	1999	1996	1985*u*	1985	1985*u*
Massachusetts	1998	1998	1996	1984*u*	1984	1984*u*
New Hampshire	1997	1997	1996	1996	1996	1996
New Jersey	1999		1996	1986*u*	1986	1986*u*
New York	1993	1993	1996	1993*u*	1993	1993*u*
Pennsylvania	1989	1989	1996	1988*u*	1988	1988*u*
Rhode Island	1998		1996	1984*u*	1984	1984*u*
Vermont	1997	1997	1996	1996	1996	1996
West Virginia	1989	1989	1996	1994*u*	1994	1994*u*
North Central:						
Illinois	1998	1998	1999	1996	1983*u*	1996
Indiana	1998	1998	1999	1995	1996	1995
Iowa	1990		1999	1994	1995	1994
Michigan	1993	1993	1999	1996	1992	1996
Minnesota	1990	1990	1999	1997	1996*u*	1997
Missouri	1989	1989	1999	1997	1996*u*	1997
Ohio	1993	1993	1996	1989*u*	1989	1989*u*
Wisconsin	1996	1996	1999	1996	1994	1996
Southeast:						
Florida	1995	1995	1999	1999	1999*u*	1999
Georgia	1997	1997	1999	1999	1999*u*	1999
North Carolina	1990	1990	1999	1999	1999*u*	1999
South Carolina	2000	2000	1999	1999	1999*u*	1999
Virginia	1992	1992	1999	1999	1999*u*	1999
South Central:						
Alabama	2000	2000	1999	1999	1999*u*	1999
Arkansas	1995	1995	1999	1999	1999*u*	1999
Kentucky	1988	1988	1999	1999	1999*u*	1999
Louisiana	1991	1991	1999	1999	1999*u*	1999
Mississippi	1994	1994	1999	1999	1999*u*	1999
Oklahoma	1993	1993	1999	1999	1999*u*	1999
Tennessee	1999	1999	1999	1999	1999*u*	1999
Texas	1992	1992	1999	1999	1999*u*	1999

(continued on next page)

Appendix Table A-3 (continued)

	Forest inventory data		Timber products output (removals) data			
Region/State	**Non-NFS lands**	**NFS lands**	**Pulpwood**	**Saw logs/ Veneer**	**Fuelwood**	**Other products**
Great Plains:						
Kansas	1994		1999	1998	1994	1993
Nebraska	1994	1994	1999	1993	1994	1993
North Dakota	1995	1995	1999	1998	1994	1998
South Dakota	1995	1986*u*	1999	1993	1994	1999
Intermountain:						
Arizona	1999	1999	1995	1995	1984	1995
Colorado	1983	1981-88*u*	1996	1996	1982	1996
Idaho	1991	1990-95*u*	1995	1995	1990	1995
Montana	1989	1995	1993*u*	1993*u*	1989	1993*u*
Nevada	1989*u*	1987*u*	1996	1996	1996	1996
New Mexico	1999	1999	1995	1995	1986	1995
Utah	1995	1995	1992	1992	1992	1992
Wyoming	1984	1985-93*u*	1996	1996	1983*u*	1996
Pacific Northwest:						
Alaska	1977-94	1998	1995	1995	1982*u*	1995
Oregon	1992	1994-96	1994	1994	1994	1994
Washington	1991	1995	1996	1996	1996	1996
Pacific Southwest:						
California	1994	1995	1994	1994	1994	1994
Hawaii	1985		1995	1995	1995	1995

u = source data updated to 2001 for reporting.

Appendix B: Metric Equivalents for Various Units of Measure

1 acre = 0.404686 hectares

1,000 acres = 404.686 hectares

1 board foot = 0.00348 cubic meters

1 cubic foot = 0.028317 cubic meters

1,000 cubic feet = 28.317 cubic meters

1 inch = 2.54 centimeters or 0.0254 meters

1 foot = 30.48 centimeters or 0.3048 meters

1 mile = 1.609 kilometers

1 square foot = 0.0929 square meters

1 square foot per acre basal area = 0.229568 square meters per hectare

1 ton = 0.90718 metric tons

Breast height = 1.37 meters above ground level

Appendix C: Accuracy of the Data

All of the data for the national assessment of forests are collected under the guidance of the USDA Forest Service and compiled by the agency's Forest Inventory and Analysis (FIA) program. All data are collected by the FIA program in cooperation with State forestry agencies or National Forest System (NFS) regions.

Inventories conducted by FIA are designed to meet the following statistical guidelines for accuracy within one standard deviation at the 67 percent level for each State:

+/- 3-5 percent per million acres of timberland
+/- 10 percent per million acres of all other forest land
+/- 5 percent per billion cubic feet of growing-stock volume
+/- 10 percent per billion cubic feet of growing-stock growth
+/- 15 percent per billion cubic feet of growing-stock mortality
+/- 15 percent per billion cubic feet of growing-stock removals

Since these guidelines are applied at the State level, the accuracy of data for any national or multi-State totals for these categories will be greater.

Inventories conducted historically on NFS lands would have similar accuracy estimates in the Eastern United States and Alaska where FIA conducted these inventories. In other NFS regions, regional inventory data were converted to emulate FIA classifications and thus specific accuracy estimates are difficult to derive. Overall, historic NFS data are presumed to have similar error characteristics except where errors of omission may have occurred.

Appendix D: Common and Scientific Names of Major Tree Species

Common name	Scientific name
Eastern Softwoods:	
True firs	*Abies* Mill.
Balsam fir	*A. balsamea* (L.) Mill.
Fraser fir	*A. fraseri* (Pursh) Poir.
Eastern redcedar	*Juniperus virginiana* L.
Tamarack	*Larix laricina* (Du Roi) K. Koch
Spruce	*Picea* A. Dietr.
Jack pine	*Pinus banksiana* Lamb.
Shortleaf pine	*P. echinata* Mill.
Slash pine	*P. elliottii* Engelm.
Longleaf pine	*P. palustris* Mill.
Red pine	*P. resinosa* Ait.
Eastern white pine	*P. strobus* L.
Loblolly pine	*P. taeda* L.
Baldcypress	*Taxodium* Rich.
Northern white-cedar	*Thuja occidentalis* L.
Eastern hemlock	*Tsuga canadensis* (L.) Carr.
Eastern Hardwoods:	
Maple	*Acer* L.
Red (soft) maple	*A. rubrum* L.
Sugar (hard) maple	*A. saccharum* Marsh.
Birch	*Betula* L.
Yellow birch	*B. alleghaniensis* Britton
Paper birch	*B. papyrifera* Marsh.
Gray birch	*B. populifolia* Marsh.
Hackberry	*Celtis occidentalis* L.
American beech	*Fagus grandifolia* Ehrh.
Ash	*Fraxinus* L.
Black walnut	*Juglans nigra* L.
Sweetgum	*Liquidambar styraciflua* L.
Yellow-poplar	*Liriodendron tulipifera* L.
Tupelo, gum	*Nyssa* L.
Black tupelo	*N. sylvatica* Marsh. var. *sylvatica*
Sycamore	*Platanus occidentalis* L.
Aspen	*Populus* L.
Balsam poplar	*P. balsamifera* L.
Eastern cottonwood	*P. deltoides* Bartr. ex Marsh.
Black cherry	*Prunus serotina* Ehrh.
Oak	*Quercus* L.
White oak	*Q. alba* L.
Swamp white oak	*Q. bicolor* Willd.
Scarlet oak	*Q. coccinea* Muenchh.
Northern pin oak	*Q. ellipsoidalis* E. J. Hill
Southern red oak	*Q. falcata* Michx.
Cherrybark oak	*Q. falcata* var. *pagodifolia* Ell.
Bear oak	*Q. ilicifolia* Wangenh.
Shingle oak	*Q. imbricaria* Michx.
Overcup oak	*Q. lyrata* Walt.
Bur oak	*Q. macrocarpa* Michx.
Blackjack oak	*Q. marilandica* Muenchh.
Swamp chestnut oak	*Q. michauxii* Nutt.
Chinkapin oak	*Q. muehlenbergii* Engelm.
Water oak	*Q. nigra* L.
Pin oak	*Q. palustris* Muenchh.
Willow oak	*Q. phellos* L.
Chestnut oak	*Q. prinus* L.
Northern red oak	*Q. rubra* L.
Shumard oak	*Q. shumardii* Buckl.
Post oak	*Q. stellata* Wangenh. var. *stellata*
Black oak	*Q. velutina* Lam.
Willow	*Salix* L.
Basswood	*Tilia* L.
Elm	*Ulmus* L.
Western Softwoods:	
True firs	*Abies* Mill.
Pacific silver fir	*A. amabilis* Dougl. ex Forbes
White fir	*A. concolor* (Gord. & Glend.) Lindl. ex Hildebr.
Grand fir	*A. grandis* (Dougl. ex D. Don) Lindl.
Subalpine fir	*A. lasiocarpa* (Hook.) Nutt.
Juniper	*Juniperus* L.
Incense-cedar	*Libocedrus decurrens* Torr.
Engelmann spruce	*Picea engelmannii* Parry ex Engelm.
Blue spruce	*P. pungens* Engelm.
Sitka spruce	*P. sitchensis* (Bong.) Carr.
Lodgepole pine	*Pinus contorta* Dougl. ex Loud.
Pinyon pine	*P. edulis* Engelm.
Apache pine	*P. engelmannii* Carr.
Limber pine	*P. flexilis* James
Jeffrey pine	*P. jeffreyi* Grev. & Balf.
Sugar pine	*P. lambertiana* Dougl.
Chihuahua pine	*P. leiophylla* var. *chihuahuana* (Engelm.) Shaw
Western white pine	*P. monticola* Dougl. ex D. Don
Ponderosa pine	*P. ponderosa* Dougl. ex Laws.
Arizona pine	*P. ponderosa* var. *arizonica* (Engelm.) Shaw
Douglas-fir	*Pseudotsuga menziesii* (Mirb.) Franco
Redwood	*Sequoia sempervirens* (D. Don) Endl.
Western redcedar	*Thuja plicata* Donn ex D. Don
Western hemlock	*Tsuga heterophylla* (Raf.) Sarg.
Mountain hemlock	*T. mertensiana* (Bong.) Carr.
Western Hardwoods:	
Red alder	*Alnus rubra* Bong.
Tanoak	*Lithocarpus densiflorus* (Hook & Arn.) Rehd.
Cottonwood	*Populus* L.
Oak	*Quercus* L.

Source: Little 1979.

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Table 1—Land area in the United States by major class, region, subregion, and State, 2002

		Land class				
		Forest land				
Region, subregion, and State	Total land area	Total forest land	Timberland	Reserved[a]	Other[b]	Other land
			Thousand acres			
North:						
Northeast:						
Connecticut	3,101	1,859	1,696	14	149	1,242
Delaware	1,251	383	376	0	7	868
Maine	19,753	17,699	16,952	380	368	2,054
Maryland	6,295	2,566	2,372	180	14	3,729
Massachusetts	5,016	3,126	2,631	127	369	1,890
New Hampshire	5,740	4,818	4,503	157	158	922
New Jersey	4,748	2,132	1,876	160	96	2,616
New York	30,223	18,432	15,389	2,920	123	11,791
Pennsylvania	28,685	16,905	15,853	833	219	11,780
Rhode Island	668	385	340	10	36	283
Vermont	5,920	4,618	4,482	114	21	1,302
West Virginia	15,415	12,108	11,900	181	27	3,307
Total	126,815	85,031	78,370	5,076	1,587	41,784
North Central:						
Illinois	35,580	4,331	4,087	244	0	31,249
Indiana	22,957	4,501	4,342	159	0	18,456
Iowa	35,760	2,050	1,944	88	19	33,710
Michigan	36,359	19,281	18,616	575	90	17,078
Minnesota	50,955	16,680	14,723	1,118	840	34,275
Missouri	44,095	13,992	13,365	317	311	30,103
Ohio	26,210	7,855	7,568	140	147	18,355
Wisconsin	34,761	15,963	15,701	201	61	18,798
Total	286,677	84,653	80,346	2,842	1,468	202,024
North total:	413,492	169,684	158,716	7,918	3,055	243,808
South:						
Southeast:						
Florida	34,520	16,285	14,636	1,121	528	18,235
Georgia	37,068	24,405	23,802	595	7	12,663
North Carolina	31,180	19,302	18,664	598	40	11,878
South Carolina	19,272	12,495	12,301	194	0	6,777
Virginia	25,343	16,074	15,371	686	16	9,269
Total	147,383	88,561	84,774	3,194	591	58,822
South Central:						
Alabama	32,481	22,987	22,922	65	0	9,494
Arkansas	33,328	18,771	18,373	231	167	14,557
Kentucky	25,428	12,684	12,347	305	32	12,744
Louisiana	27,883	13,812	13,722	90	0	14,071
Mississippi	30,025	18,580	18,572	8	0	11,445
Oklahoma	43,955	7,665	6,234	45	1,386	36,290
Tennessee	26,381	14,396	13,956	440	0	11,985
Texas	167,626	17,149	11,774	125	5,250	150,477
Total	387,107	126,044	117,900	1,309	6,835	261,063
South total:	534,490	214,605	202,674	4,503	7,426	319,885

Table 1—(continued).

		Land class				
		Forest land				
Region, subregion, and State	Total land area	Total forest land	Timberland	Reserved[a]	Other[b]	Other land
			Thousand acres			
Rocky Mountain:						
Great Plains:						
Kansas	52,367	1,545	1,491	18	37	50,822
Nebraska	49,201	947	898	32	18	48,254
North Dakota	44,156	672	441	0	231	43,484
South Dakota	48,574	1,619	1,511	23	85	46,955
Total	194,298	4,783	4,341	73	371	189,515
Intermountain:						
Arizona	72,732	19,427	3,527	1,819	14,082	53,305
Colorado	66,387	21,637	11,607	2,712	7,318	44,750
Idaho	52,960	21,646	16,824	3,708	1,115	31,314
Montana	93,157	23,293	19,185	3,682	426	69,864
Nevada	70,276	10,204	363	568	9,273	60,072
New Mexico	77,674	16,682	4,359	1,704	10,619	60,992
Utah	52,587	15,676	4,683	771	10,223	36,911
Wyoming	62,147	10,995	5,739	3,916	1,340	51,152
Total	547,920	139,560	66,287	18,880	54,396	408,360
Rocky Mountain total:	742,218	144,343	70,628	18,953	54,767	597,875
Pacific Coast:						
Alaska:						
Alaska	365,041	126,869	11,865	33,068	81,936	238,172
Total	365,041	126,869	11,865	33,068	81,936	238,172
Pacific Northwest:						
Oregon	61,442	29,651	23,831	2,482	3,337	31,791
Washington	42,612	21,790	17,347	3,483	960	20,822
Total	104,054	51,441	41,178	5,965	4,297	52,613
Pacific Southwest:						
California	99,824	40,233	17,781	6,453	15,998	59,591
Hawaii	4,111	1,748	700	196	853	2,363
Total	103,935	41,981	18,481	6,649	16,851	61,954
Pacific Coast total:	573,030	220,291	71,524	45,682	103,084	352,739
United States:	2,263,230	748,923	503,542	77,056	168,332	1,514,307

[a] For 2002, reserved forest includes lands previously classified as unproductive reserved and tabulated under the other forest category.

[b] For 2002, other forest no longer includes lands classified as unproductive reserved. This area, amounting to about 12 million acres in 1987, is now included in the reserved forest category.

Note: Data may not add to totals because of rounding.

Table 2—Forest land area in the United States by ownership, region, subregion, and State, 2002

		Public							Private[a]		
			Federal								
Region, subregion, and State	**All ownerships**	**Total public**	**Total Federal**	**National forest**	**Bureau of Land Management**	**Other**	**State**	**County and municipal**	**Total private**	**Forest industry**	**Nonindustrial private**
					Thousand acres						
North:											
Northeast:											
Connecticut	1,859	315	7	0	0	7	168	139	1,545	0	1,545
Delaware	383	32	0	0	0	0	32	0	351	26	325
Maine	17,699	970	116	40	0	76	738	116	16,730	7,449	9,281
Maryland	2,566	609	72	0	0	72	424	113	1,957	88	1,869
Massachusetts	3,126	743	74	0	0	74	424	245	2,383	14	2,369
New Hampshire	4,818	1,088	740	717	0	22	224	125	3,730	463	3,267
New Jersey	2,132	810	106	0	0	106	531	173	1,322	0	1,322
New York	18,432	3,977	163	5	0	157	3,486	328	14,455	1,225	13,230
Pennsylvania	16,905	4,403	587	460	0	127	3,529	287	12,502	613	11,889
Rhode Island	385	95	3	0	0	3	77	15	290	0	290
Vermont	4,618	754	369	337	0	32	313	72	3,864	253	3,612
West Virginia	12,108	1,520	1,164	1,002	0	163	311	44	10,588	887	9,701
Total	85,032	15,315	3,400	2,561	0	839	10,258	1,657	69,716	11,017	58,700
North Central:											
Illinois	4,331	680	342	270	0	72	192	146	3,651	11	3,639
Indiana	4,501	770	425	191	0	234	323	22	3,730	17	3,713
Iowa	2,050	244	74	0	0	74	127	42	1,807	0	1,807
Michigan	19,281	7,143	2,934	2,683	0	250	3,946	264	12,138	1,520	10,618
Minnesota	16,680	9,393	2,956	2,625	29	302	3,773	2,664	7,288	759	6,528
Missouri	13,992	2,366	1,775	1,428	0	347	523	69	11,626	222	11,403
Ohio	7,855	690	241	216	0	25	294	156	7,165	174	6,990
Wisconsin	15,963	4,767	1,643	1,421	0	222	823	2,300	11,196	1,105	10,091
Total	84,653	26,053	10,389	8,834	29	1,526	10,001	5,663	58,600	3,811	54,789
North total:	169,685	41,368	13,789	11,395	29	2,365	20,259	7,320	128,317	14,827	113,489
South:											
Southeast:											
Florida	16,285	3,893	2,378	1,126	9	1,243	1,403	111	12,392	4,016	8,377
Georgia	24,405	2,356	1,907	855	0	1,052	336	113	22,048	4,381	17,667
North Carolina	19,302	2,502	1,977	1,218	0	759	440	85	16,800	2,252	14,548
South Carolina	12,495	1,418	953	596	0	357	380	85	11,076	1,994	9,082
Virginia	16,074	2,593	2,226	1,626	0	600	267	99	13,481	1,537	11,944
Total	88,560	12,761	9,442	5,422	9	4,012	2,826	493	75,798	14,180	61,618
South Central:											
Alabama	22,987	1,291	928	647	0	281	241	122	21,696	3,740	17,956
Arkansas	18,771	3,532	3,062	2,483	0	580	402	67	15,239	4,497	10,742
Kentucky	12,684	1,316	1,103	645	0	458	213	0	11,368	205	11,164
Louisiana	13,812	1,335	828	588	0	239	300	207	12,477	3,898	8,578
Mississippi	18,580	1,943	1,534	1,098	0	435	310	100	16,636	3,238	13,399
Oklahoma	7,665	665	499	245	0	255	139	27	7,000	1,047	5,952
Tennessee	14,396	2,005	1,371	623	0	748	565	69	12,390	1,391	11,000
Texas	17,149	909	794	608	0	186	68	47	16,240	3,720	12,521
Total	126,043	12,996	10,119	6,936	0	3,182	2,239	639	113,047	21,735	91,311
South total:	214,603	25,758	19,561	12,358	9	7,194	5,065	1,132	188,845	35,916	152,929

Table 2—(continued).

		Public							Private[a]		
			Federal								
Region, subregion, and State	All ownerships	Total public	Total Federal	National forest	Bureau of Land Management	Other	State	County and municipal	Total private	Forest industry	Nonindustrial private
	Thousand acres										
Rocky Mountain:											
Great Plains:											
Kansas	1,545	109	65	0	0	65	32	13	1,436	0	1,436
Nebraska	947	133	57	47	0	10	66	10	814	0	814
North Dakota	672	231	197	181	2	14	34	0	442	0	442
South Dakota	1,619	1,060	1,004	979	6	19	55	1	559	0	559
Total	4,784	1,533	1,323	1,206	8	109	186	24	3,251	0	3,251
Intermountain:											
Arizona	19,427	11,417	10,192	8,223	1,304	666	1,185	40	8,010	0	8,010
Colorado	21,637	15,672	15,075	10,561	4,108	407	518	79	5,965	0	5,965
Idaho	21,646	18,257	17,129	16,157	893	79	1,103	25	3,389	1,284	2,106
Montana	23,293	17,240	16,512	14,587	804	1,121	721	7	6,053	1,618	4,435
Nevada	10,204	9,624	9,608	3,231	6,249	128	16	0	580	25	555
New Mexico	16,682	10,351	9,522	8,092	1,120	309	825	3	6,331	0	6,331
Utah	15,676	12,932	11,913	5,605	6,073	235	1,005	14	2,744	0	2,744
Wyoming	10,995	9,109	8,832	5,858	1,004	1,970	277	0	1,886	0	1,886
Total	139,560	104,601	98,783	72,314	21,555	4,913	5,650	168	34,959	2,926	32,032
Rocky Mountain total:	144,344	106,134	100,106	73,520	21,563	5,022	5,837	192	38,209	2,926	35,283
Pacific Coast:											
Alaska:											
Alaska[b]	126,869	90,994	63,423	10,455	16,954	36,014	27,469	101	35,875	0	35,875
Total	126,869	90,994	63,423	10,455	16,954	36,014	27,469	101	35,875	0	35,875
Pacific Northwest:											
Oregon	29,651	18,875	17,741	14,293	3,260	187	913	222	10,775	5,305	5,471
Washington	21,790	11,959	9,422	7,919	50	1,453	2,294	243	9,831	4,338	5,493
Total	51,441	30,835	27,162	22,212	3,311	1,639	3,208	465	20,606	9,643	10,963
Pacific Southwest:											
California	40,233	23,479	22,371	18,515	2,208	1,647	729	380	16,754	3,068	13,685
Hawaii	1,748	593	12	0	0	12	573	8	1,155	0	1,155
Total	41,981	24,073	22,383	18,515	2,208	1,659	1,302	388	17,909	3,068	14,840
Pacific Coast total:	220,291	145,901	112,968	51,183	22,472	39,313	31,979	954	74,390	12,711	61,679
United States:	748,922	319,161	246,425	148,456	44,074	53,895	63,140	9,597	429,761	66,380	363,381

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[a] Native American lands are included exclusively in the nonindustrial private owner group for 1997 only. For 1987 and earlier years, these lands may be included in the other public owner group.

[b] Per the Alaska Natives Claims Settlement Act of 1971, approximately 35 million forested acres expected upon update of all ownership data for Alaska.

Note: Data may not add to totals because of rounding.

Table 3—Forest area in the United States[a] by region, subregion, and State, 2002, 1997, 1987, 1977, 1953, 1938, 1907, and 1630

Region, subregion, and State	2002	1997	1987[b]	1977[c]	1963[d]	1953[e]	1938[f]	1907[g]	1630[h]
					Thousand acres				
North:									
Northeast:									
Connecticut	1,859	1,863	1,815	1,861	1,910	1,990	1,809	1,600	2,930
Delaware	383	389	398	392	392	454	423	350	1,130
Maine	17,699	17,711	17,713	17,718	17,425	17,088	16,036	14,900	18,180
Maryland	2,566	2,701	2,632	2,653	2,920	2,920	2,595	2,200	5,730
Massachusetts	3,126	3,264	3,097	2,952	3,070	3,288	3,283	2,000	4,630
New Hampshire	4,818	4,955	5,021	5,014	5,019	4,848	4,664	3,500	5,490
New Jersey	2,132	1,991	1,985	1,928	2,371	2,098	2,157	2,000	4,330
New York	18,432	18,581	18,775	18,380	15,865	14,450	13,321	12,000	27,450
Pennsylvania	16,905	16,905	16,997	16,826	16,486	14,805	13,945	9,200	27,260
Rhode Island	385	409	399	404	434	434	360	250	650
Vermont	4,618	4,607	4,509	4,512	4,230	3,860	3,549	2,500	5,550
West Virginia	12,108	12,108	11,942	11,669	11,469	10,327	10,074	9,100	14,610
Total	85,031	85,484	85,283	84,309	81,591	76,562	72,216	59,600	117,940
North Central:									
Illinois	4,331	4,294	4,266	4,151	4,144	3,890	3,600	2,500	13,805
Indiana	4,501	4,501	4,439	3,943	4,018	4,103	3,580	4,000	19,520
Iowa	2,050	2,050	1,562	1,561	2,620	2,600	2,550	2,500	5,340
Michigan	19,281	19,335	18,220	18,691	19,699	19,592	19,073	15,500	33,110
Minnesota	16,680	16,796	16,583	16,709	17,403	17,826	19,615	15,500	31,500
Missouri	13,992	14,047	12,523	12,876	15,296	15,177	16,200	18,300	26,390
Ohio	7,855	7,855	7,309	7,037	6,091	5,500	5,110	4,800	23,470
Wisconsin	15,963	15,963	15,319	14,908	14,885	15,559	16,946	16,000	26,520
Total	84,653	84,842	80,221	79,876	84,156	84,247	86,674	79,100	179,655
North total:	169,684	170,326	165,504	164,185	165,747	160,809	158,890	138,700	297,595
South:									
Southeast:									
Florida	16,285	16,254	16,721	17,040	19,050	20,817	21,740	24,128	29,840
Georgia	24,405	24,413	24,187	24,556	26,365	24,057	21,433	22,300	35,700
North Carolina	19,302	19,298	19,281	19,913	20,662	20,113	18,400	19,600	29,630
South Carolina	12,495	12,651	12,257	12,569	12,250	11,943	10,704	12,000	17,570
Virginia	16,074	16,047	16,108	16,387	16,412	16,032	14,832	14,000	24,480
Total	88,561	88,662	88,554	90,465	94,739	92,962	87,109	92,028	137,220
South Central:									
Alabama	22,987	21,964	21,725	21,525	21,770	20,771	18,878	20,000	29,540
Arkansas	18,771	18,790	16,987	16,852	20,051	19,681	20,963	24,200	31,940
Kentucky	12,684	12,684	12,256	12,161	11,791	11,647	11,546	10,000	23,140
Louisiana	13,812	13,783	13,883	14,348	16,176	16,230	16,211	16,500	26,160
Mississippi	18,580	18,595	16,693	16,716	17,076	16,890	16,253	17,500	26,700
Oklahoma	7,665	7,665	7,283	8,513	9,235	10,329	10,415	10,500	13,330
Tennessee	14,396	13,603	13,258	13,184	13,629	12,808	13,000	15,000	24,010
Texas	17,149	18,354	20,505	23,279	23,954	24,708	26,949	30,000	41,980
Total	126,044	125,438	122,590	126,578	133,682	133,064	134,215	143,700	216,800
South total:	214,605	214,100	211,144	217,043	228,421	226,026	221,324	235,728	354,020

Table 3—(continued).

Region, subregion, and State	2002	1997	1987[b]	1977[c]	1963[d]	1953[e]	1938[f]	1907[g]	1630[h]
					Thousand acres				
Rocky Mountain:									
Great Plains:									
Kansas	1,545	1,545	1,358	1,344	1,351	1,668	2,408	2,648	1,570
Nebraska	947	947	722	1,029	1,162	903	1,188	1,472	1,470
North Dakota	672	674	460	422	439	473	495	384	450
South Dakota	1,619	1,632	1,690	1,702	1,837	2,169	2,080	2,200	2,480
Total	4,783	4,798	4,230	4,497	4,789	5,213	6,171	6,704	5,970
Intermountain:									
Arizona	19,427	19,926	19,384	18,494	19,902	19,212	20,106	21,000	21,570
Colorado	21,637	21,270	21,338	22,271	22,583	22,000	21,720	21,440	21,440
Idaho	21,646	21,937	21,818	21,727	21,815	21,025	21,713	22,400	24,130
Montana	23,293	23,232	21,910	22,559	22,048	22,330	22,415	22,500	23,320
Nevada	10,204	9,928	8,928	7,683	9,000	9,500	10,750	12,000	12,000
New Mexico	16,682	15,505	15,826	15,360	15,487	15,550	15,334	15,168	15,680
Utah	15,676	15,705	16,234	15,557	14,955	16,219	16,310	16,400	17,890
Wyoming	10,995	10,944	9,966	10,028	9,777	10,513	10,757	11,000	12,490
Total	139,560	138,447	135,404	133,679	135,567	136,349	139,105	141,908	148,520
Rocky Mountain total:	144,343	143,244	139,634	138,176	140,356	141,562	145,276	148,612	154,490
Pacific Coast:									
Alaska:									
Alaska	126,869	127,380	129,045	129,100	129,100	129,100	129,100	129,100	129,100
Total	126,869	127,380	129,045	129,100	129,100	129,100	129,100	129,100	129,100
Pacific Northwest:									
Oregon	29,651	29,720	28,773	29,810	30,739	30,261	30,381	30,500	30,590
Washington	21,790	21,892	22,521	23,181	23,050	23,868	24,684	25,500	25,670
Total	51,441	51,612	51,294	52,991	53,789	54,129	55,065	56,000	56,260
Pacific Southwest:									
California	40,233	38,547	39,381	40,152	42,541	42,541	48,159	49,000	51,970
Hawaii	1,748	1,748	1,748	1,986	1,982	2,000	2,000	2,000	2,000
Total	41,981	40,296	41,129	42,138	44,523	44,541	50,159	51,000	53,970
Pacific Coast total:	220,291	219,288	221,468	224,229	227,412	227,770	234,324	236,100	239,330
United States:	748,923	746,958	737,750	743,633	761,936	756,167	759,814	759,140	1,045,435

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[a] Estimates for 1938 include forest area for regions that would become the States of Alaska and Hawaii. Estimates for 1907 include forest area for regions that would become the States of Alaska, Arizona, Hawaii, and New Mexico. Estimates for 1630 represent the forest area in North America for regions that would become the 50 States within the current United States.

[b] Data for 1987 based on Waddell *et al.* (1989).

[c] Data for 1977 based on USDA Forest Service (1982).

[d] Data for 1963 based on USDA Forest Service (1965).

[e] Data for 1953 based on USDA Forest Service (1958).

[f] Data for 1938 based on U.S. Congress (1938).

[g] Data for 1907 based on Kellogg (1909).

[h] Data for 1630 were also from Kellogg (1909) as an estimate of the original forest area based on the current estimate of forest and historic land clearing information. These data are provided here for general reference purposes only to convey the relative extent of the forest estate, in what is now the United States, at the time of European settlement.

Table 4—Forest land area in the United States by productivity class, region, subregion, and State, 2002

		Productivity class[a]					
Region, subregion, and State	Total	120 + cu. ft.	85-119 cu. ft.	50-84 cu. ft.	20-49 cu. ft.	0-19 cu. ft.	Reserved forest land
				Thousand acres			
North:							
Northeast:							
Connecticut	1,859	61	110	549	977	149	14
Delaware	383	24	39	128	184	7	0
Maine	17,699	241	1,825	6,066	8,821	368	380
Maryland	2,566	191	416	890	875	14	180
Massachusetts	3,126	232	318	1,045	1,035	369	126
New Hampshire	4,818	54	478	1,356	2,615	158	157
New Jersey	2,132	26	137	475	1,238	96	160
New York	18,432	815	1,592	3,754	9,228	123	2,920
Pennsylvania	16,905	716	1,471	3,838	9,828	219	833
Rhode Island	385	4	30	103	202	36	10
Vermont	4,618	88	535	1,056	2,803	21	114
West Virginia	12,108	971	2,718	3,839	4,373	27	181
Total	85,032	3,424	9,669	23,098	42,180	1,586	5,075
North Central:							
Illinois	4,331	754	1,303	1,340	690	0	244
Indiana	4,501	1,082	1,641	1,203	416	0	159
Iowa	2,050	82	573	911	377	19	88
Michigan	19,281	960	4,388	7,710	5,558	90	575
Minnesota	16,680	266	2,948	5,355	6,154	840	1,117
Missouri	13,992	124	554	6,395	6,291	311	317
Ohio	7,855	387	583	1,495	5,103	147	140
Wisconsin	15,963	1,014	4,022	7,013	3,652	61	201
Total	84,653	4,669	16,011	31,423	28,240	1,468	2,842
North total:	169,685	8,093	25,680	54,521	70,420	3,054	7,916
South:							
Southeast:							
Florida	16,285	206	1,942	8,694	3,793	528	1,121
Georgia	24,405	983	6,093	14,970	1,756	7	595
North Carolina	19,302	1,106	5,613	9,690	2,255	40	598
South Carolina	12,495	902	3,229	5,842	2,327	0	194
Virginia	16,074	563	3,294	9,501	2,013	16	686
Total	88,560	3,761	20,171	48,697	12,145	592	3,194
South Central:							
Alabama	22,987	4,941	9,115	7,470	1,396	0	65
Arkansas	18,771	3,452	5,060	7,112	2,749	167	231
Kentucky	12,684	1,102	2,065	3,876	5,305	32	305
Louisiana	13,812	6,374	4,498	2,552	299	0	90
Mississippi	18,580	7,900	7,347	3,033	291	0	8
Oklahoma	7,665	258	636	2,715	2,624	1,386	45
Tennessee	14,396	2,279	4,283	5,755	1,639	0	440
Texas	17,149	3,722	4,769	2,707	576	5,250	125
Total	126,043	30,027	37,774	35,220	14,878	6,834	1,309
South total:	214,603	33,788	57,945	83,917	27,023	7,427	4,503

Table 4—(continued).

Region, subregion, and State	Total	Productivity class[a]					Reserved forest land
		120 + cu. ft.	85-119 cu. ft.	50-84 cu. ft.	20-49 cu. ft.	0-19 cu. ft.	
				Thousand acres			
Rocky Mountain:							
Great Plains:							
Kansas	1,545	62	256	558	615	37	18
Nebraska	947	23	173	269	432	18	32
North Dakota	672	0	19	98	325	231	0
South Dakota	1,619	1	16	246	1,247	85	23
Total	4,784	87	463	1,172	2,619	370	73
Intermountain:							
Arizona	19,427	0	27	945	2,554	14,082	1,818
Colorado	21,637	7	366	3,054	8,180	7,318	2,711
Idaho	21,646	2,648	4,977	5,394	3,805	1,115	3,708
Montana	23,293	453	2,133	7,093	9,505	426	3,682
Nevada	10,204	29	21	115	198	9,273	568
New Mexico	16,682	0	35	1,253	3,071	10,619	1,704
Utah	15,676	7	210	1,389	3,078	10,223	770
Wyoming	10,995	0	100	1,201	4,438	1,340	3,916
Total	139,560	3,145	7,868	20,443	34,831	54,396	18,877
Rocky Mountain total:	144,344	3,231	8,332	21,615	37,449	54,766	18,950
Pacific Coast:							
Alaska:							
Alaska	126,869	356	660	1,650	9,198	81,936	33,068
Total	126,869	356	660	1,650	9,198	81,936	33,068
Pacific Northwest:							
Oregon	29,651	10,843	4,925	5,037	3,026	3,337	2,482
Washington	21,790	9,879	3,009	2,757	1,701	960	3,483
Total	51,441	20,723	7,934	7,794	4,727	4,297	5,965
Pacific Southwest:							
California	40,233	6,417	3,873	4,775	2,717	15,998	6,453
Hawaii	1,748	700	0	0	0	853	196
Total	41,981	7,116	3,873	4,775	2,717	16,851	6,649
Pacific Coast total:	220,291	28,195	12,467	14,220	16,642	103,085	45,682
United States:	748,922	73,308	104,424	174,274	151,535	168,331	77,051

[a] Productivity classes are displayed as cubic feet per acre per year.

Note: Data may not add to totals because of rounding.

Table 5—Forest land area in the Western United States by forest type group, subregion, productivity class, and ownership group, 2002

Subregion and productivity class[a]	Forest type group												
	All forest types	Douglas-fir	Pon-derosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodge-pole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Non-stocked
Thousand acres													
All ownership groups													
Great Plains:													
120 +	87	0	2	0	0	0	0	0	0	3	82	0	0
85 to 119	463	0	38	0	0	0	0	0	0	21	404	0	0
50 to 84	1,172	0	170	0	0	0	0	0	0	49	945	0	7
20 to 49	2,619	0	1,065	0	0	0	0	0	0	82	1,432	0	39
Other forest	370	0	3	0	0	0	0	0	0	3	9	6	348
Reserved	73	0	29	0	0	0	0	0	0	1	27	0	16
Total	4,784	0	1,307	0	0	0	0	0	0	160	2,900	6	410
Intermountain:													
120 +	3,145	1,343	308	64	841	341	61	130	0	6	51	0	0
85 to 119	7,868	2,664	505	31	2,855	630	341	559	0	5	263	0	14
50 to 84	20,443	6,197	2,641	29	6,175	518	372	2,456	0	111	1,846	0	97
20 to 49	34,831	7,219	10,525	0	4,539	23	119	6,410	0	1,559	4,086	70	281
Other forest	54,396	122	280	0	217	0	15	451	0	2,285	6,113	43,721	1,191
Reserved	18,877	2,595	1,709	0	4,611	68	103	4,690	0	1,053	1,055	2,428	567
Total	139,560	20,141	15,968	124	19,239	1,580	1,011	14,696	0	5,019	13,414	46,219	2,150
Alaska[b]:													
120 +	356	0	0	0	0	336	0	0	0	0	20	0	0
85 to 119	660	0	0	0	6	637	0	0	0	0	17	0	0
50 to 84	1,650	0	0	0	104	1,451	0	6	0	6	82	0	1
20 to 49	9,198	0	0	0	3,538	1,823	0	34	0	149	3,543	0	112
Other forest	81,936	0	0	0	30,681	2,581	0	294	0	44,103	4,272	0	4
Reserved	33,068	0	0	0	11,412	3,622	0	28	0	16,587	1,352	0	68
Total	126,869	0	0	0	45,741	10,449	0	361	0	60,845	9,287	0	185
Pacific Northwest:													
120 +	20,723	10,208	292	11	2,042	4,057	76	476	6	7	3,223	22	302
85 to 119	7,934	3,005	1,387	14	1,201	538	112	696	0	8	799	69	107
50 to 84	7,794	2,518	2,493	4	830	355	80	797	0	26	434	134	122
20 to 49	4,727	1,230	2,079	22	204	77	14	477	0	23	253	192	156
Other forest	4,297	327	766	2	12	26	0	19	0	11	714	2,216	204
Reserved	5,965	1,268	202	37	1,421	2,152	55	246	0	308	173	76	26
Total	51,441	18,555	7,219	90	5,711	7,206	338	2,710	6	383	5,597	2,709	918
Pacific Southwest:													
120 +	7,116	383	1,243	0	511	13	0	22	654	2,353	1,519	2	415
85 to 119	3,873	213	933	2	407	1	0	42	76	1,060	1,046	0	93
50 to 84	4,775	143	1,789	17	305	18	0	200	0	748	1,275	1	281
20 to 49	2,717	29	881	21	132	16	0	179	0	502	621	4	332
Other forest	16,851	5	1,501	16	5	0	0	7	0	373	11,864	2,404	676
Reserved	6,649	132	628	96	791	93	0	542	186	1,190	2,232	393	366
Total	41,981	904	6,975	152	2,150	141	0	992	916	6,226	18,558	2,805	2,162
West total:													
120 +	31,426	11,934	1,845	75	3,395	4,747	137	628	660	2,369	4,896	24	718
85 to 119	20,798	5,882	2,862	46	4,469	1,806	454	1,296	76	1,094	2,530	69	214
50 to 84	35,835	8,858	7,093	49	7,414	2,343	452	3,459	0	941	4,582	136	508
20 to 49	54,092	8,477	14,550	43	8,413	1,939	133	7,100	0	2,316	9,936	266	919
Other forest	157,851	454	2,550	18	30,915	2,608	15	771	0	46,776	22,973	48,348	2,423
Reserved	64,632	3,995	2,568	133	18,235	5,935	157	5,506	186	19,138	4,839	2,897	1,042
Total	364,634	39,599	31,469	365	72,841	19,377	1,349	18,759	921	72,633	49,756	51,739	5,825

Table 5—(continued).

Subregion and productivity class[a]	Forest type group												
	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other softwoods	Western hardwoods	Pinyon-juniper	Nonstocked
						Thousand acres							
						National forest							
Great Plains:													
120 +	0	0	0	0	0	0	0	0	0	0	0	0	0
85 to 119	24	0	17	0	0	0	0	0	0	6	0	0	0
50 to 84	148	0	107	0	0	0	0	0	0	35	6	0	0
20 to 49	848	0	759	0	0	0	0	0	0	12	64	0	13
Other forest	175	0	0	0	0	0	0	0	0	0	1	6	167
Reserved	11	0	11	0	0	0	0	0	0	0	0	0	0
Total	1,206	0	895	0	0	0	0	0	0	53	72	6	181
Intermountain:													
120 +	1,749	823	174	32	442	173	37	62	0	6	0	0	0
85 to 119	5,042	1,746	248	25	1,973	322	247	417	0	5	45	0	14
50 to 84	13,276	3,883	1,188	29	4,883	353	198	1,835	0	38	794	0	74
20 to 49	22,872	4,424	4,888	0	3,926	23	83	5,477	0	1,193	2,528	70	261
Other forest	15,550	70	119	0	156	0	15	431	0	1,426	2,265	10,265	803
Reserved	13,826	2,012	1,283	0	4,238	68	34	2,659	0	1,014	800	1,398	320
Total	72,314	12,958	7,899	86	15,617	939	614	10,881	0	3,683	6,432	11,734	1,471
Alaska[b]:													
120 +	256	0	0	0	0	244	0	0	0	0	12	0	0
85 to 119	519	0	0	0	6	508	0	0	0	0	6	0	0
50 to 84	1,140	0	0	0	104	1,026	0	6	0	0	3	0	1
20 to 49	1,857	0	0	0	418	1,384	0	22	0	0	33	0	0
Other forest	2,680	0	0	0	709	1,688	0	255	0	8	17	0	4
Reserved	4,003	0	0	0	917	3,005	0	28	0	0	33	0	20
Total	10,455	0	0	0	2,154	7,855	0	310	0	8	103	0	25
Pacific Northwest:													
120 +	8,230	3,726	240	11	1,725	1,557	68	455	0	7	395	15	32
85 to 119	4,404	1,232	1,114	4	910	329	53	583	0	8	133	26	11
50 to 84	4,194	907	1,809	4	440	218	48	516	0	19	64	111	57
20 to 49	1,083	149	477	22	36	17	0	166	0	23	26	163	6
Other forest	261	27	28	2	0	8	0	12	0	7	8	143	26
Reserved	4,040	867	143	35	1,167	1,304	16	213	0	47	146	76	26
Total	22,212	6,908	3,812	77	4,278	3,433	185	1,945	0	111	771	534	158
Pacific Southwest:													
120 +	3,249	127	101	0	428	6	0	8	0	2,289	272	0	19
85 to 119	2,020	69	165	2	318	1	0	35	0	1,051	333	0	47
50 to 84	2,924	60	850	14	223	18	0	177	0	748	611	0	223
20 to 49	1,723	16	249	21	123	16	0	164	0	498	334	0	303
Other forest	4,381	5	88	16	5	0	0	7	0	207	2,388	1,168	497
Reserved	4,217	91	218	96	433	86	0	355	11	1,152	1,231	176	366
Total	18,513	368	1,671	149	1,529	127	0	746	11	5,945	5,168	1,344	1,455
West total:													
120 +	13,484	4,676	514	43	2,595	1,980	105	524	0	2,302	678	15	51
85 to 119	12,008	3,047	1,544	30	3,207	1,160	300	1,034	0	1,070	516	26	72
50 to 84	21,682	4,851	3,954	47	5,651	1,615	245	2,534	0	840	1,479	111	355
20 to 49	28,384	4,589	6,373	43	4,502	1,440	83	5,829	0	1,726	2,984	233	583
Other forest	23,046	102	235	18	869	1,695	15	704	0	1,649	4,679	11,583	1,496
Reserved	26,097	2,970	1,655	131	6,754	4,463	50	3,255	11	2,214	2,210	1,651	732
Total	124,701	20,234	14,276	313	23,579	12,353	799	13,881	11	9,801	12,546	13,619	3,290

Table 5—(continued).

Subregion and productivity class[a]	Forest type group												
	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other softwoods	Western hardwoods	Pinyon-juniper	Nonstocked
	Thousand acres												
	Other public												
Great Plains:													
120 +	12	0	0	0	0	0	0	0	0	0	12	0	0
85 to 119	27	0	5	0	0	0	0	0	0	0	22	0	0
50 to 84	87	0	11	0	0	0	0	0	0	0	72	0	4
20 to 49	131	0	43	0	0	0	0	0	0	6	77	0	5
Other forest	15	0	0	0	0	0	0	0	0	0	1	0	14
Reserved	55	0	13	0	0	0	0	0	0	1	25	0	16
Total	327	0	72	0	0	0	0	0	0	7	210	0	38
Intermountain:													
120 +	432	137	35	6	168	54	6	15	0	0	11	0	0
85 to 119	759	282	48	0	253	109	23	14	0	0	30	0	0
50 to 84	1,638	674	138	0	325	57	35	182	0	22	204	0	0
20 to 49	3,222	1,038	1,082	0	213	0	2	418	0	166	302	0	0
Other forest	21,347	30	60	0	54	0	0	11	0	189	1,052	19,856	96
Reserved	4,888	544	419	0	359	0	69	2,031	0	38	236	945	247
Total	32,287	2,705	1,782	6	1,374	221	136	2,670	0	415	1,836	20,801	342
Alaska[b]:													
120 +	60	0	0	0	0	55	0	0	0	0	6	0	0
85 to 119	100	0	0	0	0	88	0	0	0	0	12	0	0
50 to 84	239	0	0	0	0	159	0	0	0	0	79	0	0
20 to 49	4,922	0	0	0	1,951	129	0	0	0	57	2,718	0	67
Other forest	46,158	0	0	0	7,618	290	0	15	0	34,873	3,361	0	0
Reserved	29,059	0	0	0	10,489	617	0	0	0	16,587	1,319	0	48
Total	80,538	0	0	0	20,058	1,338	0	15	0	51,517	7,495	0	114
Pacific Northwest:													
120 +	3,225	1,913	0	0	71	585	0	0	0	0	622	7	28
85 to 119	812	512	65	0	52	57	18	13	0	0	88	0	6
50 to 84	824	481	71	0	43	35	11	38	0	7	133	7	0
20 to 49	732	284	213	0	6	11	0	64	0	0	116	7	32
Other forest	1,244	94	137	0	0	0	0	0	0	3	111	864	35
Reserved	1,785	392	51	3	248	797	4	7	0	259	24	0	0
Total	8,623	3,675	536	3	420	1,485	33	122	0	269	1,094	885	100
Pacific Southwest:													
120 +	474	10	45	0	0	0	0	0	79	18	149	0	173
85 to 119	115	0	57	0	10	0	0	0	1	0	47	0	0
50 to 84	77	7	19	0	0	0	0	1	0	0	49	0	0
20 to 49	55	0	36	0	0	0	0	1	0	0	11	3	4
Other forest	2,450	0	81	0	0	0	0	0	0	55	1,545	741	29
Reserved	2,388	39	407	0	358	7	0	187	173	35	966	217	0
Total	5,559	57	645	0	368	7	0	189	253	108	2,767	961	206
West total:													
120 +	4,204	2,060	80	6	240	694	6	15	79	18	800	7	201
85 to 119	1,813	794	175	0	316	255	41	27	1	0	199	0	6
50 to 84	2,864	1,162	239	0	368	252	46	221	0	29	537	7	4
20 to 49	9,063	1,322	1,374	0	2,170	140	2	483	0	229	3,225	9	108
Other forest	71,215	124	278	0	7,672	290	0	26	0	35,121	6,070	21,461	173
Reserved	38,175	975	890	3	11,454	1,421	73	2,225	173	16,919	2,571	1,162	310
Total	127,334	6,437	3,035	9	22,220	3,051	169	2,996	253	52,316	13,402	22,647	800

Table 5—(continued).

Subregion and productivity class[a]	Forest type group												
	All forest types	Douglas-fir	Pon-derosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodge-pole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Non-stocked
Thousand acres													
Forest industry													
Great Plains:													
120 +	0	0	0	0	0	0	0	0	0	0	0	0	0
85 to 119	0	0	0	0	0	0	0	0	0	0	0	0	0
50 to 84	0	0	0	0	0	0	0	0	0	0	0	0	0
20 to 49	0	0	0	0	0	0	0	0	0	0	0	0	0
Other forest	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermountain:													
120 +	399	142	4	13	150	64	12	14	0	0	0	0	0
85 to 119	802	252	17	0	347	128	32	27	0	0	0	0	0
50 to 84	1,211	493	137	0	225	95	90	157	0	5	8	0	0
20 to 49	515	325	27	0	63	0	8	86	0	5	0	0	0
Other forest	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,926	1,213	185	13	786	286	141	283	0	10	8	0	0
Alaska[b]:													
120 +	0	0	0	0	0	0	0	0	0	0	0	0	0
85 to 119	0	0	0	0	0	0	0	0	0	0	0	0	0
50 to 84	0	0	0	0	0	0	0	0	0	0	0	0	0
20 to 49	0	0	0	0	0	0	0	0	0	0	0	0	0
Other forest	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Northwest:													
120 +	5,664	3,130	0	0	119	1,368	5	7	0	0	895	0	140
85 to 119	1,212	711	41	0	146	96	19	0	0	0	130	36	33
50 to 84	1,136	418	273	0	228	55	0	78	0	0	48	16	21
20 to 49	1,162	243	558	0	111	15	0	173	0	0	0	16	45
Other forest	469	53	164	0	0	12	0	7	0	0	91	101	41
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9,643	4,554	1,036	0	604	1,546	25	265	0	0	1,164	168	280
Pacific Southwest:													
120 +	1,509	128	560	0	51	0	0	5	356	8	370	0	31
85 to 119	726	52	352	0	43	0	0	7	37	0	225	0	9
50 to 84	516	8	300	2	41	0	0	0	0	0	160	0	6
20 to 49	181	8	111	0	10	0	0	0	0	4	49	0	0
Other forest	136	0	15	0	0	0	0	0	0	6	93	11	10
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,068	196	1,338	2	144	0	0	12	394	19	897	11	56
West total:													
120 +	7,572	3,399	564	13	321	1,432	17	25	356	8	1,265	0	171
85 to 119	2,739	1,016	410	0	535	223	51	34	37	0	355	36	42
50 to 84	2,863	919	710	2	494	150	90	235	0	5	216	16	26
20 to 49	1,858	576	697	0	184	15	8	260	0	9	49	16	45
Other forest	605	53	179	0	0	12	0	7	0	6	184	112	52
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	15,637	5,962	2,559	15	1,534	1,832	166	560	394	29	2,069	179	337

Table 5—(continued).

	Forest type group												
Subregion and productivity class[a]	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other softwoods	Western hardwoods	Pinyon-juniper	Nonstocked
	Thousand acres												
	Nonindustrial private												
Great Plains:													
120 +	75	0	2	0	0	0	0	0	0	3	70	0	0
85 to 119	413	0	15	0	0	0	0	0	0	15	382	0	0
50 to 84	938	0	52	0	0	0	0	0	0	14	867	0	4
20 to 49	1,639	0	263	0	0	0	0	0	0	64	1,291	0	20
Other forest	180	0	3	0	0	0	0	0	0	3	6	0	167
Reserved	6	0	5	0	0	0	0	0	0	0	2	0	0
Total	3,251	0	341	0	0	0	0	0	0	100	2,619	0	192
Intermountain:													
120 +	565	241	95	13	80	50	6	40	0	0	40	0	0
85 to 119	1,266	384	193	6	283	72	40	101	0	0	188	0	0
50 to 84	4,318	1,147	1,177	0	741	13	48	282	0	47	839	0	23
20 to 49	8,221	1,431	4,527	0	337	0	26	429	0	194	1,256	0	20
Other forest	17,499	22	102	0	7	0	0	9	0	670	2,796	13,600	293
Reserved	164	39	7	0	14	0	0	0	0	0	19	84	0
Total	32,032	3,265	6,101	19	1,462	134	120	861	0	911	5,138	13,684	336
Alaska[b]:													
120 +	40	0	0	0	0	37	0	0	0	0	3	0	0
85 to 119	41	0	0	0	0	41	0	0	0	0	0	0	0
50 to 84	271	0	0	0	0	266	0	0	0	6	0	0	0
20 to 49	2,419	0	0	0	1,169	310	0	12	0	92	792	0	45
Other forest	33,098	0	0	0	22,354	603	0	25	0	9,222	894	0	0
Reserved	6	0	0	0	6	0	0	0	0	0	0	0	0
Total	35,875	0	0	0	23,528	1,256	0	36	0	9,320	1,689	0	45
Pacific Northwest:													
120 +	3,603	1,439	53	0	127	547	3	14	6	0	1,312	0	103
85 to 119	1,507	550	166	10	92	55	22	100	0	0	449	7	56
50 to 84	1,641	712	340	0	119	47	22	165	0	0	190	0	45
20 to 49	1,750	554	830	0	51	35	14	74	0	0	111	7	73
Other forest	2,323	153	437	0	12	7	0	0	0	0	504	1,108	102
Reserved	140	9	8	0	7	52	34	26	0	2	3	0	0
Total	10,963	3,418	1,834	10	409	743	95	379	6	2	2,567	1,121	379
Pacific Southwest:													
120 +	1,884	118	537	0	33	7	0	10	219	37	729	2	192
85 to 119	1,012	92	359	0	36	0	0	0	38	9	442	0	38
50 to 84	1,258	67	621	0	41	0	0	22	0	0	455	1	52
20 to 49	758	6	485	0	0	0	0	14	0	1	227	1	24
Other forest	9,884	0	1,317	0	0	0	0	0	0	104	7,839	484	140
Reserved	44	2	3	0	0	0	0	0	1	3	35	0	0
Total	14,840	284	3,322	0	110	7	0	46	258	154	9,726	489	445
West total:													
120 +	6,166	1,799	687	13	240	641	9	64	224	40	2,153	2	295
85 to 119	4,238	1,025	733	16	411	168	62	201	38	24	1,460	7	94
50 to 84	8,426	1,927	2,191	0	901	326	71	469	0	67	2,351	1	123
20 to 49	14,787	1,991	6,106	0	1,557	344	41	528	0	352	3,677	8	183
Other forest	62,984	175	1,859	0	22,373	610	0	34	0	10,000	12,039	15,192	702
Reserved	360	50	22	0	27	52	34	26	1	5	59	84	0
Total	96,962	6,967	11,598	29	25,509	2,141	216	1,322	263	10,487	21,739	15,294	1,398

[a] Productivity classes are displayed as cubic feet per acre per year.

[b] Per the Alaska Natives Claims Settlement Act of 1971, approximately 35 million forested acres expected upon update of all ownership data for Alaska.

Note: Data may not add to totals because of rounding.

Table 6—Forest land area in the Eastern United States by forest type group, subregion, productivity class, and ownership group, 2002

		Forest type group												
Subregion and productivity class[a]	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked	Un-known[b]
						Thousand acres								
						All ownership groups								
Northeast:														
120 +	3,424	337	308	0	75	123	1,016	29	333	1,135	61	0	7	0
85 to 119	9,669	1,128	1,225	0	168	298	3,403	55	194	2,595	599	0	5	0
50 to 84	23,098	2,205	2,896	0	277	787	7,030	82	438	7,917	1,467	0	0	0
20 to 49	42,180	2,295	3,151	0	754	1,081	12,663	154	1,312	18,943	1,743	0	84	0
Other forest	1,586	87	320	0	88	50	312	29	310	258	75	0	58	0
Reserved	5,075	409	434	0	99	101	1,261	7	141	2,453	165	0	5	0
Total	85,032	6,461	8,334	0	1,460	2,439	25,684	356	2,727	33,302	4,109	0	159	0
North Central:														
120 +	4,669	767	456	0	71	106	987	41	650	1,133	447	0	10	0
85 to 119	16,011	1,123	925	0	42	86	3,163	66	1,670	4,480	4,397	0	59	0
50 to 84	31,423	1,229	1,515	0	46	402	11,498	31	2,159	8,440	6,032	0	70	0
20 to 49	28,240	1,114	4,680	0	537	599	9,657	161	3,391	5,833	2,094	0	174	0
Other forest	1,468	12	754	0	12	92	264	13	83	52	51	0	135	0
Reserved	2,842	235	475	0	11	52	678	17	169	485	695	0	23	0
Total	84,653	4,480	8,806	0	719	1,337	26,247	330	8,124	20,423	13,717	0	471	0
Southeast:														
120 +	3,761	318	0	209	1,555	566	758	327	14	6	0	0	7	0
85 to 119	20,171	53	0	2,042	6,531	2,498	6,014	2,532	361	112	0	0	28	0
50 to 84	48,697	148	2	6,416	12,718	5,986	15,382	7,448	385	195	0	0	17	0
20 to 49	12,145	22	9	1,653	2,109	1,972	4,063	2,218	76	22	0	2	0	0
Other forest	592	0	0	105	18	34	24	410	0	0	0	0	0	0
Reserved	3,194	111	33	355	364	306	1,141	864	0	18	0	0	0	0
Total	88,560	652	44	10,780	23,296	11,363	27,382	13,800	836	353	0	2	53	0
South Central:														
120 +	30,027	74	0	611	9,529	4,814	7,963	6,242	649	72	0	0	72	0
85 to 119	37,774	23	0	1,072	11,317	6,294	12,802	5,535	489	116	0	0	127	0
50 to 84	35,220	28	0	1,162	6,394	5,403	17,491	4,006	398	186	0	0	151	0
20 to 49	14,878	17	0	179	1,053	1,626	10,407	895	331	342	0	0	27	0
Other forest	6,834	0	0	45	81	472	4,386	143	21	0	0	1,672	12	0
Reserved	1,309	18	0	15	197	169	788	70	3	48	0	0	1	0
Total	126,043	161	0	3,086	28,572	18,778	53,838	16,890	1,891	765	0	1,672	389	0
East total:														
120 +	41,881	1,495	764	820	11,231	5,609	10,725	6,640	1,647	2,346	508	0	96	0
85 to 119	83,625	2,327	2,150	3,114	18,058	9,176	25,382	8,188	2,714	7,302	4,996	0	219	0
50 to 84	138,438	3,611	4,413	7,578	19,436	12,578	51,401	11,567	3,380	16,738	7,499	0	238	0
20 to 49	97,443	3,449	7,840	1,833	4,453	5,277	36,789	3,428	5,110	25,141	3,837	2	285	0
Other forest	10,481	99	1,074	151	198	648	4,986	595	414	311	126	1,672	205	0
Reserved	12,419	773	942	370	671	627	3,869	958	313	3,005	860	0	29	0
Total	384,288	11,754	17,183	13,866	54,047	33,916	133,151	31,375	13,578	54,843	17,826	1,674	1,072	0

Table 6—(continued).

Subregion and productivity class[a]	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked	Unknown[b]
		Forest type group												
							Thousand acres							
							National forest							
Northeast:														
120 +	43	5	0	0	0	0	10	0	0	27	0	0	0	0
85 to 119	156	11	26	0	6	0	58	0	0	56	0	0	0	0
50 to 84	560	20	28	0	7	18	159	0	0	311	18	0	0	0
20 to 49	1,405	11	91	0	21	7	318	0	0	901	56	0	0	0
Other forest	61	0	56	0	0	0	5	0	0	0	0	0	0	0
Reserved	337	45	42	0	0	0	41	0	0	181	28	0	0	0
Total	2,561	92	242	0	34	25	591	0	0	1,475	102	0	0	0
North Central:														
120 +	396	154	65	0	19	13	68	0	5	36	36	0	0	0
85 to 119	1,487	266	199	0	12	5	122	3	27	305	548	0	0	0
50 to 84	3,180	273	268	0	0	97	953	0	46	861	678	0	4	0
20 to 49	2,612	223	657	0	141	70	584	0	200	417	311	0	10	0
Other forest	88	0	35	0	0	16	18	0	1	0	1	0	16	0
Reserved	1,070	164	216	0	11	8	100	0	14	96	461	0	2	0
Total	8,834	1,080	1,439	0	183	209	1,844	3	293	1,714	2,035	0	32	0
Southeast:														
120 +	286	51	0	5	34	40	122	28	0	6	0	0	0	0
85 to 119	795	2	0	74	257	58	343	30	3	27	0	0	0	0
50 to 84	2,338	38	2	275	390	253	1,215	126	0	38	0	0	0	0
20 to 49	1,290	4	4	168	206	179	635	89	0	4	0	0	0	0
Other forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserved	712	24	16	49	99	104	365	42	0	14	0	0	0	0
Total	5,422	119	22	571	986	635	2,681	316	3	89	0	0	0	0
South Central:														
120 +	1,521	30	0	97	586	400	272	129	0	7	0	0	0	0
85 to 119	1,548	5	0	141	662	311	348	63	0	19	0	0	0	0
50 to 84	2,650	9	0	168	743	508	1,185	22	0	14	0	0	0	0
20 to 49	817	8	0	21	85	93	592	2	0	17	0	0	0	0
Other forest	11	0	0	0	0	0	11	0	0	0	0	0	0	0
Reserved	389	7	0	6	66	94	157	36	0	24	0	0	0	0
Total	6,936	58	0	432	2,143	1,406	2,564	252	0	81	0	0	0	0
East total:														
120 +	2,246	241	65	101	640	453	471	157	5	76	36	0	0	0
85 to 119	3,987	284	225	215	937	375	871	96	30	406	548	0	0	0
50 to 84	8,728	340	298	443	1,141	876	3,512	149	46	1,224	696	0	4	0
20 to 49	6,124	246	752	189	453	349	2,129	91	200	1,339	366	0	10	0
Other forest	159	0	91	0	0	16	33	0	1	0	1	0	16	0
Reserved	2,509	239	273	55	176	206	663	78	14	314	489	0	2	0
Total	23,753	1,350	1,704	1,003	3,346	2,275	7,681	571	297	3,359	2,137	0	32	0

Table 6—(continued).

		Forest type group												
Subregion and productivity class[a]	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked	Unknown[b]
							Thousand acres							
							Other public							
Northeast:														
120 +	237	39	58	0	7	5	43	0	28	49	7	0	0	0
85 to 119	663	129	31	0	28	30	218	7	18	172	31	0	0	0
50 to 84	1,968	170	206	0	39	67	732	18	50	589	97	0	0	0
20 to 49	5,053	234	101	0	270	169	2,207	28	145	1,765	135	0	0	0
Other forest	259	10	20	0	58	1	51	19	51	43	6	0	0	0
Reserved	4,574	346	385	0	87	93	1,195	7	130	2,200	125	0	5	0
Total	12,754	927	801	0	488	365	4,446	80	423	4,817	401	0	5	0
North Central:														
120 +	654	153	138	0	6	13	54	3	72	82	132	0	1	0
85 to 119	2,802	321	273	0	3	3	294	6	207	393	1,292	0	11	0
50 to 84	5,583	420	474	0	0	21	1,034	7	293	1,295	2,016	0	22	0
20 to 49	5,748	503	2,148	0	29	15	758	23	744	737	723	0	66	0
Other forest	763	0	621	0	0	0	14	13	31	2	25	0	57	0
Reserved	1,669	49	253	0	0	41	559	17	146	364	219	0	21	0
Total	17,219	1,446	3,907	0	38	94	2,714	69	1,493	2,874	4,407	0	179	0
Southeast:														
120 +	167	3	0	42	74	23	10	15	1	0	0	0	0	0
85 to 119	879	4	0	190	267	86	138	172	19	2	0	0	0	0
50 to 84	2,500	6	0	567	520	215	487	687	19	0	0	0	0	0
20 to 49	1,353	8	0	353	215	298	240	233	1	2	0	2	0	0
Other forest	4	0	0	0	0	0	4	0	0	0	0	0	0	0
Reserved	2,436	87	17	306	266	202	775	778	0	4	0	0	0	0
Total	7,340	108	17	1,460	1,342	824	1,654	1,884	40	10	0	2	0	0
South Central:														
120 +	1,386	4	0	22	288	175	261	538	90	0	0	0	8	0
85 to 119	1,571	1	0	26	269	197	436	554	62	0	0	0	27	0
50 to 84	1,495	0	0	82	110	203	696	345	53	0	0	0	5	0
20 to 49	630	0	0	9	44	93	364	107	3	9	0	0	0	0
Other forest	58	0	0	0	13	0	41	0	4	0	0	0	0	0
Reserved	920	12	0	9	131	75	632	34	3	24	0	0	1	0
Total	6,060	17	0	149	855	743	2,431	1,578	214	33	0	0	41	0
East total:														
120 +	2,444	199	196	64	375	216	368	555	191	131	138	0	10	0
85 to 119	5,915	455	304	217	567	315	1,086	739	305	567	1,322	0	38	0
50 to 84	11,546	596	680	649	669	506	2,949	1,057	416	1,884	2,113	0	27	0
20 to 49	12,784	745	2,249	363	558	576	3,570	391	893	2,513	859	2	66	0
Other forest	1,084	10	641	0	71	1	110	33	86	45	31	0	57	0
Reserved	9,600	494	655	315	484	412	3,161	836	278	2,593	344	0	27	0
Total	43,373	2,498	4,725	1,608	2,723	2,027	11,244	3,610	2,169	7,733	4,808	2	226	0

Table 6—(continued).

		Forest type group												
Subregion and productivity class[a]	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked	Un-known[b]
							Thousand acres							
							Forest industry							
Northeast:														
120 +	220	18	39	0	13	12	48	0	12	71	7	0	0	0
85 to 119	1,080	41	362	0	10	12	173	7	6	406	62	0	0	0
50 to 84	3,688	139	1,512	0	43	6	315	2	39	1,280	352	0	0	0
20 to 49	5,868	150	1,409	0	25	52	330	0	23	3,435	431	0	14	0
Other forest	161	0	108	0	0	0	0	0	15	7	11	0	21	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	11,017	349	3,430	0	91	81	866	9	95	5,199	862	0	34	0
North Central:														
120 +	125	15	46	0	0	0	19	0	2	21	24	0	0	0
85 to 119	692	79	103	0	0	2	26	0	17	183	279	0	4	0
50 to 84	1,498	101	150	0	4	14	181	0	45	674	328	0	1	0
20 to 49	1,478	71	409	0	13	16	194	0	136	526	112	0	1	0
Other forest	18	0	11	0	0	0	1	0	1	0	1	0	3	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,811	265	719	0	17	31	422	0	201	1,403	744	0	9	0
Southeast:														
120 +	526	12	0	46	358	50	25	26	3	0	0	0	7	0
85 to 119	3,428	0	0	659	1,648	297	324	419	65	1	0	0	16	0
50 to 84	8,551	5	0	2,122	3,338	664	838	1,525	58	1	0	0	0	0
20 to 49	1,674	0	0	314	402	202	160	584	13	0	0	0	0	0
Other forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	14,180	16	0	3,140	5,747	1,212	1,347	2,553	139	2	0	0	24	0
South Central:														
120 +	6,746	8	0	218	3,086	924	1,112	1,292	80	0	0	0	24	0
85 to 119	8,584	0	0	361	4,279	1,504	1,494	896	30	0	0	0	20	0
50 to 84	5,722	3	0	271	2,458	1,030	1,389	510	31	7	0	0	24	0
20 to 49	684	0	0	16	178	82	325	71	8	6	0	0	0	0
Other forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	21,735	11	0	866	10,001	3,540	4,319	2,768	149	12	0	0	68	0
East total:														
120 +	7,617	53	84	264	3,458	985	1,204	1,318	96	92	31	0	32	0
85 to 119	13,784	120	465	1,020	5,937	1,815	2,018	1,321	118	590	341	0	40	0
50 to 84	19,458	248	1,662	2,393	5,843	1,714	2,723	2,037	173	1,962	680	0	25	0
20 to 49	9,704	220	1,819	330	618	351	1,009	654	181	3,966	543	0	14	0
Other forest	179	0	119	0	0	0	1	0	16	7	12	0	24	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	50,743	641	4,149	4,006	15,856	4,865	6,955	5,330	583	6,616	1,606	0	135	0

Table 6—(continued).

Subregion and productivity class[a]	All forest types	Forest type group												
		White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked	Unknown[b]
							Thousand acres							
							Nonindustrial private							
Northeast:														
120 +	2,925	274	211	0	54	106	915	29	293	988	48	0	7	0
85 to 119	7,770	946	806	0	124	256	2,953	41	170	1,961	507	0	5	0
50 to 84	16,882	1,876	1,150	0	188	696	5,824	62	348	5,737	1,000	0	0	0
20 to 49	29,854	1,901	1,549	0	438	853	9,809	126	1,144	12,843	1,121	0	70	0
Other forest	1,106	78	136	0	30	49	256	9	244	209	58	0	37	0
Reserved	164	18	7	0	12	7	24	0	11	73	12	0	0	0
Total	58,700	5,093	3,860	0	846	1,967	19,782	267	2,210	21,810	2,744	0	119	0
North Central:														
120 +	3,493	445	207	0	46	80	847	38	572	994	255	0	9	0
85 to 119	11,030	458	351	0	27	76	2,721	57	1,420	3,600	2,278	0	44	0
50 to 84	21,162	435	623	0	42	270	9,329	25	1,775	5,610	3,010	0	44	0
20 to 49	18,403	317	1,466	0	355	498	8,119	138	2,311	4,153	949	0	97	0
Other forest	599	12	87	0	12	76	231	0	50	50	23	0	58	0
Reserved	102	22	7	0	0	2	20	0	10	25	15	0	0	0
Total	54,789	1,689	2,741	0	481	1,003	21,267	258	6,137	14,433	6,530	0	251	0
Southeast:														
120 +	2,781	252	0	116	1,089	454	601	258	11	0	0	0	0	0
85 to 119	15,069	47	0	1,119	4,358	2,057	5,208	1,912	274	83	0	0	12	0
50 to 84	35,307	100	0	3,451	8,470	4,853	12,843	5,110	308	155	0	0	17	0
20 to 49	7,827	10	5	818	1,286	1,293	3,027	1,312	61	15	0	0	0	0
Other forest	588	0	0	105	18	34	19	410	0	0	0	0	0	0
Reserved	45	0	0	0	0	0	1	44	0	0	0	0	0	0
Total	61,618	409	5	5,610	15,221	8,691	21,700	9,047	654	253	0	0	29	0
South Central:														
120 +	20,374	31	0	274	5,569	3,316	6,319	4,284	479	65	0	0	39	0
85 to 119	26,071	18	0	544	6,108	4,281	10,524	4,022	397	97	0	0	80	0
50 to 84	25,354	17	0	641	3,083	3,663	14,221	3,128	314	166	0	0	121	0
20 to 49	12,747	10	0	133	746	1,358	9,126	715	321	311	0	0	27	0
Other forest	6,765	0	0	45	67	472	4,334	143	17	0	0	1,672	12	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	91,311	75	0	1,639	15,572	13,090	44,523	12,292	1,528	639	0	1,672	280	0
East total:														
120 +	29,574	1,002	419	390	6,758	3,955	8,682	4,610	1,354	2,047	303	0	55	0
85 to 119	59,940	1,468	1,157	1,663	10,617	6,671	21,406	6,031	2,261	5,740	2,785	0	141	0
50 to 84	98,705	2,427	1,773	4,093	11,783	9,482	42,217	8,325	2,745	11,668	4,010	0	182	0
20 to 49	68,831	2,238	3,020	952	2,824	4,001	30,081	2,292	3,836	17,322	2,069	0	195	0
Other forest	9,058	90	223	151	127	632	4,841	562	311	259	81	1,672	108	0
Reserved	311	40	14	0	12	9	45	44	21	98	27	0	0	0
Total	266,419	7,266	6,606	7,248	32,121	24,750	107,272	21,864	10,529	37,134	9,275	1,672	680	0

[a] Productivity classes are displayed as cubic feet per acre per year.

[b] Poorly stocked reserved and other forest lands have insufficient data to determine a forest type.

Note: Data may not add to totals because of rounding.

Table 7—Forest land area in the Eastern and Western United States by rural-urban continuum class and forest type group, 2002

		Predominant county population continuum class				
Forest type group	Total	Major metro	Intermediate-small metro	Large town	Small town	Rural
			Thousand acres			
East:						
White-red-jack pine	11,754	1,712	2,443	531	4,894	2,175
Spruce-fir	17,183	221	2,202	2,364	9,715	2,682
Longleaf-slash pine	13,866	2,915	1,519	386	6,259	2,785
Loblolly-shortleaf pine	54,047	9,055	5,835	1,879	26,082	11,196
Oak-pine	33,916	6,534	3,801	1,102	15,274	7,204
Oak-hickory	133,151	26,320	15,941	3,213	56,882	30,795
Oak-gum-cypress	31,375	6,339	4,377	974	14,435	5,250
Elm-ash-cottonwood	13,578	3,381	2,002	567	5,692	1,935
Maple-beech-birch	54,843	8,721	8,026	4,187	25,247	8,662
Aspen-birch	17,826	580	2,792	1,011	8,853	4,589
Other forest types	1,676	647	74	9	511	434
Nonstocked	1,072	176	196	37	466	197
East total:	384,288	66,603	49,209	16,261	174,309	77,905
West:						
Douglas-fir	39,599	4,542	6,520	4,168	15,308	9,062
Ponderosa pine	31,469	2,416	3,304	5,109	13,309	7,331
Western white pine	365	51	43	4	245	23
Fir-spruce	72,841	1,627	2,199	3,005	14,393	51,616
Hemlock-Sitka spruce	19,377	1,570	1,909	1,439	6,185	8,275
Larch	1,349	4	42	314	665	325
Lodgepole pine	18,759	585	756	2,864	9,897	4,657
Redwood	921	221	287	349	63	0
Other softwoods	72,633	1,576	1,437	861	6,486	62,272
Western hardwoods	49,756	12,324	6,119	4,045	13,632	13,636
Pinyon-juniper	51,739	5,118	4,362	9,718	23,201	9,340
Nonstocked	5,825	1,082	915	956	2,098	773
West total:	364,635	31,117	27,894	32,831	105,482	167,310
United States:	748,922	97,720	77,103	49,092	279,791	245,216

Note: Data may not add to totals because of rounding.

Table 8—Area of planted and natural forest land in the Eastern and Western United States by forest type group and major ownership group, 2002

	All owners			National forest			Other public		
Forest type group[a]	Total	Planted	Natural	Total	Planted	Natural	Total	Planted	Natural
				Thousand acres					
North:									
White-red-jack pine	10,941	2,663	8,278	1,173	543	630	2,373	675	1,698
Spruce-fir	17,140	460	16,679	1,682	67	1,614	4,708	108	4,600
Longleaf-slash pine	0	0	0	0	0	0	0	0	0
Loblolly-shortleaf pine	2,179	273	1,906	217	61	156	526	27	499
Oak-pine	3,776	228	3,547	234	38	196	460	33	426
Oak-hickory	51,931	283	51,648	2,435	18	2,418	7,159	45	7,114
Oak-gum-cypress	686	7	679	3	3	0	148	2	146
Elm-ash-cottonwood	10,851	85	10,766	293	0	293	1,915	15	1,901
Maple-beech-birch	53,725	252	53,473	3,189	19	3,170	7,691	43	7,648
Aspen-birch	17,826	60	17,766	2,137	2	2,134	4,808	3	4,805
Other forest types	0	0	0	0	0	0	0	0	0
Nonstocked	630	13	617	32	0	32	185	1	183
North total:	169,685	4,326	165,359	11,395	752	10,643	29,973	953	29,021
South:									
White-red-jack pine	813	98	715	177	2	175	125	2	123
Spruce-fir	44	0	44	22	0	22	17	0	17
Longleaf-slash pine	13,866	7,683	6,183	1,003	266	736	1,608	367	1,241
Loblolly-shortleaf pine	51,868	23,928	27,940	3,129	731	2,398	2,197	378	1,819
Oak-pine	30,140	4,242	25,898	2,041	179	1,862	1,567	74	1,493
Oak-hickory	81,220	1,369	79,851	5,245	95	5,150	4,085	35	4,049
Oak-gum-cypress	30,690	170	30,519	568	0	568	3,462	14	3,448
Elm-ash-cottonwood	2,727	63	2,664	3	0	3	254	0	254
Maple-beech-birch	1,118	8	1,110	170	0	170	42	0	42
Aspen-birch	0	0	0	0	0	0	0	0	0
Other forest types	1,675	0	1,675	0	0	0	2	0	2
Nonstocked	442	40	402	0	0	0	41	8	33
South total:	214,603	37,602	177,001	12,358	1,274	11,084	13,400	878	12,522
West[c]:									
Douglas-fir	39,599	7,402[c]	32,197	20,234	[c]	[c]	6,437	[c]	[c]
Ponderosa pine	31,469	2,328[c]	29,141	14,276	[c]	[c]	3,035	[c]	[c]
Western white pine	365	45[c]	320	313	[c]	[c]	9	[c]	[c]
Fir-spruce	72,841	1,216[c]	71,625	23,579	[c]	[c]	22,220	[c]	[c]
Hemlock-Sitka spruce	19,377	194[c]	19,183	12,353	[c]	[c]	3,051	[c]	[c]
Larch	1,349	859[c]	490	799	[c]	[c]	169	[c]	[c]
Lodgepole pine	18,759	988[c]	17,771	13,881	[c]	[c]	2,996	[c]	[c]
Redwood	921	0[c]	921	11	[c]	[c]	253	[c]	[c]
Other softwoods	72,633	195[c]	72,438	9,801	[c]	[c]	52,316	[c]	[c]
Western hardwoods	49,756	397[c]	49,359	12,546	[c]	[c]	13,402	[c]	[c]
Pinyon-juniper	51,739	0[c]	51,739	13,619	[c]	[c]	22,647	[c]	[c]
Nonstocked	5,825	0[c]	5,825	3,290	[c]	[c]	800	[c]	[c]
West total:	364,635	13,624[c]	351,011	124,701	[c]	[c]	127,334	[c]	[c]
United States:	748,922	55,551[c]	693,371	148,454	[c]	[c]	170,707	[c]	[c]

Table 8—(continued).

	Forest industry			Nonindustrial private[b]		
Forest type group[a]	Total	Planted	Natural	Total	Planted	Natural
			Thousand acres			
North:						
White-red-jack pine	613	210	403	6,782	1,235	5,547
Spruce-fir	4,149	85	4,064	6,601	200	6,401
Longleaf-slash pine	0	0	0	0	0	0
Loblolly-shortleaf pine	108	37	71	1,327	148	1,179
Oak-pine	113	10	102	2,970	146	2,823
Oak-hickory	1,288	25	1,263	41,049	196	40,853
Oak-gum-cypress	9	0	9	525	2	524
Elm-ash-cottonwood	296	0	296	8,347	70	8,277
Maple-beech-birch	6,602	32	6,570	36,243	158	36,085
Aspen-birch	1,606	8	1,598	9,275	46	9,229
Other forest types	0	0	0	0	0	0
Nonstocked	43	3	40	371	9	362
North total:	14,827	410	14,417	113,489	2,211	111,278
South:						
White-red-jack pine	27	12	16	483	82	401
Spruce-fir	0	0	0	5	0	5
Longleaf-slash pine	4,006	3,362	645	7,248	3,688	3,560
Loblolly-shortleaf pine	15,748	11,380	4,368	30,794	11,438	19,356
Oak-pine	4,752	1,770	2,982	21,781	2,219	19,561
Oak-hickory	5,667	536	5,131	66,224	703	65,520
Oak-gum-cypress	5,321	60	5,262	21,339	97	21,242
Elm-ash-cottonwood	288	24	264	2,182	39	2,143
Maple-beech-birch	14	0	14	892	8	884
Aspen-birch	0	0	0	0	0	0
Other forest types	0	0	0	1,674	0	1,674
Nonstocked	92	12	80	309	20	289
South total:	35,916	17,155	18,761	152,929	18,295	134,634
West[c]:						
Douglas-fir	5,962	[c]	[c]	6,967	[c]	[c]
Ponderosa pine	2,559	[c]	[c]	11,598	[c]	[c]
Western white pine	15	[c]	[c]	29	[c]	[c]
Fir-spruce	1,534	[c]	[c]	25,509	[c]	[c]
Hemlock-Sitka spruce	1,832	[c]	[c]	2,141	[c]	[c]
Larch	166	[c]	[c]	216	[c]	[c]
Lodgepole pine	560	[c]	[c]	1,322	[c]	[c]
Redwood	394	[c]	[c]	263	[c]	[c]
Other softwoods	29	[c]	[c]	10,487	[c]	[c]
Western hardwoods	2,069	[c]	[c]	21,739	[c]	[c]
Pinyon-juniper	179	[c]	[c]	15,294	[c]	[c]
Chaparral	0	[c]	[c]	0	[c]	[c]
Nonstocked	337	[c]	[c]	1,398	[c]	[c]
West total:	15,637	[c]	[c]	96,962	[c]	[c]
United States:	66,380	[c]	[c]	363,381	[c]	[c]

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[a] Forest type reflects the current dominant species by plurality of stocking and may not reflect the actual species planted at the time of stand origin.

[b] Per the Alaska Natives Claims Settlement Act of 1971, approximately 35 million forested acres expected upon update of all ownership data for Alaska.

[c] Approximately 13.6 million acres of forest in the West are planted, primarily to augment natural regeneration after a harvest and ensure adequate stocking of desired species. The species planted are usually native, making these stands difficult to detect during field sampling. Additionally, there are thousands of acres of more traditional "plantations" such as those found in the East that are not currently identified during field sampling.

Note: Data may not add to totals because of rounding.

Table 9—Forest land area in the United States by average d.b.h. class and forest type group, 2002

		Average d.b.h. class (inches)			
Forest type group	Total	1.0-4.9	5.0-9.9	10.0+	Undetermined[a]
			Thousand acres		
East:					
White-red-jack pine	11,754	1,525	2,717	7,214	298
Spruce-fir	17,183	6,054	6,140	4,543	447
Longleaf-slash pine	13,866	5,028	4,098	4,370	369
Loblolly-shortleaf pine	54,047	17,811	15,953	20,032	252
Oak-pine	33,916	12,371	8,019	12,866	661
Oak-hickory	133,151	29,080	34,875	65,036	4,160
Oak-gum-cypress	31,375	6,182	6,187	17,825	1,181
Elm-ash-cottonwood	13,578	3,329	3,874	6,353	22
Maple-beech-birch	54,843	8,509	17,154	27,475	1,705
Aspen-birch	17,826	6,689	7,039	4,088	10
Other forest types	1,674	0	2	0	1,672
Nonstocked	1,072	1,043	6	19	4
East total:	384,286	97,621	106,064	169,822	10,780
West:					
Douglas-fir	39,599	6,632	3,761	27,432	1,775
Ponderosa pine	31,469	3,861	2,565	22,171	2,871
Western white pine	365	137	57	169	3
Fir-spruce	72,841	15,964	5,595	23,620	27,662
Hemlock-Sitka spruce	19,377	2,340	877	10,707	5,454
Larch	1,349	246	253	742	108
Lodgepole pine	18,759	3,133	5,197	6,718	3,712
Redwood	921	34	41	672	174
Other softwoods	72,633	2,827	1,212	9,027	59,567
Western hardwoods	49,756	10,043	13,265	11,316	15,132
Pinyon-juniper	51,739	4,296	17,178	26,210	4,056
Nonstocked	5,825	5,504	8	0	313
West total:	364,635	55,016	50,007	138,784	120,828
United States:	748,920	152,637	156,071	308,605	131,607

[a] Undetermined stands are predominantly in reserved and low productivity forests that currently do not have field data to establish average d.b.h.

Note: Data may not add to totals because of rounding.

Table 10—Timberland area in the United States by ownership, region, subregion, and State, 2002, 1997, 1987, 1977, and 1953

			Public							Private[a]		
				Federal								
Region, subregion, and State	Year	All owner-ships	Total public	Total Federal	National forest	Bureau of Land Manage-ment	Other	State	County and muni-cipal	Total private	Forest industry	Non-industrial private
						Thousand acres						
North:												
Northeast:												
Connecticut	2002	1,696	280	7	0	0	7	166	107	1,416	0	1,416
	1997	1,815	249	10	0	0	10	163	77	1,565	0	1,565
	1987	1,776	246	16	0	0	16	156	74	1,530	0	1,530
	1977	1,806	147	2	0	0	2	120	24	1,659	0	1,659
	1953	1,973	155	1	0	0	1	122	32	1,818	3	1,815
Delaware	2002	376	25	0	0	0	0	25	0	351	26	325
	1997	376	13	0	0	0	0	13	0	363	31	332
	1987	388	14	0	0	0	0	14	0	374	30	344
	1977	384	14	1	0	0	1	13	0	370	30	341
	1953	392	13	1	0	0	1	10	2	379	21	358
Maine	2002	16,952	631	53	34	0	20	469	109	16,321	7,298	9,022
	1997	16,952	629	51	32	0	20	469	109	16,323	7,298	9,024
	1987	17,174	495	76	46	0	30	331	88	16,679	8,286	8,393
	1977	16,864	541	73	38	0	36	354	114	16,323	8,083	8,240
	1953	16,609	182	90	39	0	51	41	51	16,427	6,617	9,810
Maryland	2002	2,372	422	26	0	0	26	310	86	1,950	88	1,862
	1997	2,423	281	22	0	0	22	236	23	2,143	137	2,006
	1987	2,462	280	22	0	0	22	236	22	2,182	133	2,049
	1977	2,523	243	25	0	0	25	185	33	2,280	139	2,141
	1953	2,855	214	54	0	0	54	128	32	2,641	57	2,584
Massachusetts	2002	2,631	554	35	0	0	35	344	175	2,077	14	2,063
	1997	2,965	480	48	0	0	48	275	157	2,486	71	2,415
	1987	3,010	474	40	0	0	40	292	142	2,536	81	2,455
	1977	2,798	365	10	0	0	10	240	116	2,432	30	2,402
	1953	3,259	399	29	0	0	29	280	90	2,860	259	2,601
New Hampshire	2002	4,503	881	542	520	0	22	215	123	3,622	458	3,164
	1997	4,551	793	440	417	0	22	228	125	3,758	513	3,246
	1987	4,803	788	536	506	0	30	133	119	4,015	662	3,353
	1977	4,692	580	472	459	0	13	79	29	4,112	947	3,165
	1953	4,819	682	585	580	0	5	45	52	4,137	771	3,366
New Jersey	2002	1,876	588	54	0	0	54	475	59	1,288	0	1,288
	1997	1,864	500	49	0	0	49	351	100	1,364	0	1,364
	1987	1,914	533	246	0	0	246	224	63	1,381	0	1,381
	1977	1,857	319	28	0	0	28	246	45	1,538	16	1,522
	1953	2,050	181	1	0	0	1	130	50	1,869	4	1,865
New York	2002	15,389	1,148	82	5	0	77	851	214	14,241	1,219	13,022
	1997	15,406	1,154	86	9	0	77	852	215	14,252	1,220	13,032
	1987	15,798	1,215	123	6	0	117	899	193	14,583	1,116	13,467
	1977	15,405	979	95	6	0	89	721	163	14,426	1,034	13,392
	1953	11,952	895	98	0	0	98	714	83	11,057	1,172	9,885
Pennsylvania	2002	15,853	3,519	498	446	0	51	2,788	233	12,334	613	11,721
	1997	15,853	3,519	498	446	0	51	2,788	233	12,334	613	11,721
	1987	15,918	3,487	543	478	0	65	2,731	213	12,431	879	11,552
	1977	15,924	3,471	503	485	0	18	2,796	173	12,453	964	11,489
	1953	14,574	3,229	492	454	0	38	2,580	157	11,345	442	10,903

Table 10—(continued).

			Public							Private[a]		
				Federal								
Region, subregion, and State	Year	All owner-ships	Total public	Total Federal	National forest	Bureau of Land Manage-ment	Other	State	County and muni-cipal	Total private	Forest industry	Non-industrial private
						Thousand acres						
Rhode Island	2002	340	81	3	0	0	3	67	10	259	0	259
	1997	356	69	5	0	0	5	64	0	287	0	287
	1987	368	78	3	0	0	3	68	7	290	0	290
	1977	395	32	0	0	0	0	20	12	363	0	363
	1953	430	26	0	0	0	0	13	13	404	0	404
Vermont	2002	4,482	633	286	255	0	32	275	72	3,850	253	3,597
	1997	4,461	593	251	221	0	31	271	70	3,868	227	3,642
	1987	4,424	660	251	251	0	0	330	79	3,764	352	3,412
	1977	4,430	422	213	209	0	4	168	41	4,008	666	3,342
	1953	3,846	297	199	191	0	8	79	19	3,549	528	3,021
West Virginia	2002	11,900	1,324	1,033	904	0	128	253	38	10,576	887	9,689
	1997	11,900	1,324	1,033	904	0	128	253	38	10,576	887	9,689
	1987	11,799	1,320	1,070	916	0	154	250	0	10,479	1,036	9,443
	1977	11,484	1,121	892	853	0	39	229	0	10,363	880	9,483
	1953	10,276	982	895	881	0	14	83	4	9,294	270	9,024
Northeast total:	2002	78,371	10,085	2,621	2,164	0	456	6,239	1,225	68,286	10,855	57,430
	1997	78,923	9,603	2,491	2,029	0	462	5,966	1,146	69,320	10,996	58,324
	1987	79,834	9,590	2,926	2,203	0	723	5,665	1,000	70,244	12,575	57,669
	1977	78,561	8,233	2,312	2,049	0	263	5,171	750	70,328	12,789	57,539
	1953	73,035	7,255	2,445	2,145	0	300	4,225	585	65,780	10,144	55,636
North Central:												
Illinois	2002	4,087	440	312	249	0	64	82	46	3,647	11	3,635
	1997	4,058	417	321	254	0	66	55	42	3,641	13	3,628
	1987	4,030	389	292	226	0	66	55	42	3,641	13	3,628
	1977	4,033	330	273	211	0	62	22	35	3,703	15	3,688
	1953	3,830	226	216	184	0	32	10	0	3,604	10	3,594
Indiana	2002	4,342	623	373	170	0	203	238	12	3,719	17	3,701
	1997	4,342	624	373	170	0	203	238	13	3,719	17	3,701
	1987	4,296	535	329	166	0	163	177	29	3,761	18	3,743
	1977	3,815	410	239	162	0	77	170	1	3,405	27	3,378
	1953	4,015	283	172	112	0	60	109	2	3,732	9	3,723
Iowa	2002	1,944	156	44	0	0	44	74	38	1,788	0	1,788
	1997	1,944	156	44	0	0	44	74	38	1,788	0	1,788
	1987	1,460	102	43	0	0	43	52	7	1,358	0	1,358
	1977	1,460	111	55	0	0	55	51	5	1,350	17	1,333
	1953	2,595	36	12	3	0	9	22	2	2,559	0	2,559
Michigan	2002	18,616	6,577	2,592	2,542	0	50	3,728	256	12,039	1,514	10,525
	1997	18,667	6,628	2,643	2,593	0	50	3,728	256	12,039	1,514	10,525
	1987	17,364	6,288	2,520	2,475	0	45	3,581	187	11,076	1,966	9,110
	1977	18,199	6,360	2,489	2,435	8	45	3,763	109	11,839	2,137	9,702
	1953	19,121	6,288	2,509	2,410	9	90	3,695	85	12,832	1,548	11,284
Minnesota	2002	14,723	7,584	2,019	1,821	26	172	3,062	2,503	7,139	751	6,388
	1997	14,819	7,680	2,115	1,917	26	172	3,063	2,503	7,139	751	6,388
	1987	13,572	6,814	1,826	1,670	44	112	2,654	2,334	6,758	788	5,970
	1977	13,695	6,862	1,870	1,715	10	145	2,651	2,342	6,834	772	6,062
	1953	16,580	8,407	2,338	2,195	49	94	2,450	3,619	8,173	578	7,595

Table 10—(continued).

			Public							Private[a]		
				Federal								
Region, subregion, and State	Year	All owner-ships	Total public	Total Federal	National forest	Bureau of Land Manage-ment	Other	State	County and muni-cipal	Total private	Forest industry	Non-industrial private
						Thousand acres						
Missouri	2002	13,365	2,006	1,561	1,315	0	246	403	42	11,359	222	11,137
	1997	13,411	2,052	1,608	1,361	0	246	403	42	11,359	222	11,137
	1987	11,995	1,657	1,390	1,303	0	87	242	25	10,338	231	10,107
	1977	12,289	1,532	1,313	1,246	0	67	187	32	10,757	362	10,394
	1953	14,300	1,617	1,461	1,339	1	121	156	0	12,683	460	12,223
Ohio	2002	7,568	531	220	216	0	4	227	84	7,036	174	6,862
	1997	7,568	531	220	216	0	4	227	84	7,036	174	6,862
	1987	7,141	423	171	171	0	0	173	79	6,718	186	6,532
	1977	6,916	411	168	159	0	9	202	42	6,505	186	6,319
	1953	5,450	297	88	88	0	0	168	41	5,153	30	5,123
Wisconsin	2002	15,701	4,546	1,520	1,363	0	157	744	2,282	11,155	1,102	10,053
	1997	15,701	4,546	1,520	1,363	0	157	744	2,282	11,155	1,102	10,053
	1987	14,726	4,167	1,419	1,242	0	177	569	2,179	10,559	1,159	9,400
	1977	14,478	4,318	1,383	1,266	0	117	568	2,366	10,161	1,148	9,012
	1953	15,349	4,720	1,624	1,357	5	262	444	2,652	10,629	942	9,687
North Central total:	2002	80,344	22,462	8,641	7,676	26	940	8,557	5,264	57,881	3,793	54,088
	1997	80,510	22,633	8,843	7,874	26	942	8,530	5,260	57,877	3,795	54,082
	1987	74,584	20,375	7,990	7,253	44	693	7,503	4,882	54,209	4,361	49,848
	1977	74,885	20,333	7,790	7,194	18	578	7,613	4,931	54,552	4,664	49,887
	1953	81,240	21,875	8,420	7,688	64	668	7,054	6,401	59,365	3,577	55,788
North total:	2002	158,715	32,547	11,262	9,840	26	1,396	14,796	6,489	126,167	14,649	111,519
	1997	159,433	32,237	11,334	9,904	26	1,404	14,497	6,406	127,197	14,791	112,406
	1987	154,418	29,965	10,916	9,456	44	1,416	13,168	5,882	124,453	16,936	107,517
	1977	153,446	28,566	10,102	9,243	18	841	12,784	5,681	124,880	17,453	107,426
	1953	154,275	29,130	10,865	9,833	64	968	11,279	6,986	125,145	13,721	111,424
South:												
Southeast:												
Florida	2002	14,636	2,817	1,601	1,015	0	586	1,138	78	11,819	4,016	7,803
	1997	14,605	2,786	1,570	984	0	586	1,138	78	11,819	4,016	7,803
	1987	14,983	2,434	1,561	990	0	571	814	59	12,549	4,770	7,779
	1977	15,843	2,151	1,579	1,005	0	574	532	40	13,692	4,658	9,034
	1953	18,135	2,215	1,777	1,035	14	728	382	56	15,920	4,369	11,551
Georgia	2002	23,802	1,757	1,386	703	0	683	260	111	22,045	4,381	17,664
	1997	23,796	1,751	1,380	711	0	669	260	111	22,045	4,381	17,664
	1987	23,660	1,609	1,421	790	0	631	118	70	22,051	4,983	17,068
	1977	24,106	1,589	1,453	813	0	640	100	36	22,517	4,629	17,888
	1953	23,969	1,685	1,560	644	0	916	102	23	22,284	4,246	18,038
North Carolina	2002	18,664	1,904	1,473	1,036	0	437	346	84	16,760	2,252	14,508
	1997	18,639	1,878	1,448	1,011	0	437	346	84	16,760	2,252	14,508
	1987	18,749	1,861	1,440	1,025	0	415	339	82	16,888	2,337	14,551
	1977	19,435	1,717	1,319	1,029	0	290	320	78	17,718	2,140	15,578
	1953	19,582	1,540	1,251	1,020	0	232	253	36	18,043	2,584	15,459
South Carolina	2002	12,301	1,224	880	564	0	316	280	64	11,076	1,994	9,082
	1997	12,419	1,078	867	524	0	343	177	33	11,341	2,322	9,019
	1987	12,179	1,173	913	577	0	336	233	27	11,006	2,626	8,380
	1977	12,496	1,085	895	573	0	322	167	23	11,411	2,215	9,196
	1953	11,884	955	802	563	0	239	128	25	10,929	1,650	9,279

Table 10—(continued).

			Public							Private[a]		
				Federal								
Region, subregion, and State	Year	All ownerships	Total public	Total Federal	National forest	Bureau of Land Management	Other	State	County and municipal	Total private	Forest industry	Nonindustrial private
						Thousand acres						
Virginia	2002	15,371	1,906	1,612	1,392	0	221	211	83	13,465	1,537	11,927
	1997	15,345	1,880	1,586	1,365	0	221	211	83	13,465	1,537	11,927
	1987	15,570	1,993	1,707	1,486	0	221	209	77	13,577	1,834	11,743
	1977	15,939	1,921	1,669	1,424	0	245	183	69	14,018	1,670	12,348
	1953	15,497	1,493	1,355	1,198	0	157	86	52	14,004	1,095	12,909
Southeast total:	2002	84,774	9,609	6,953	4,710	0	2,244	2,236	419	75,165	14,180	60,985
	1997	84,803	9,373	6,851	4,594	0	2,257	2,133	389	75,430	14,508	60,922
	1987	85,141	9,070	7,042	4,868	0	2,174	1,713	315	76,071	16,550	59,521
	1977	87,818	8,462	6,914	4,843	0	2,071	1,303	246	79,356	15,312	64,044
	1953	89,067	7,887	6,745	4,459	14	2,272	951	192	81,180	13,944	67,236
South Central:												
Alabama	2002	22,922	1,226	863	601	0	263	241	122	21,696	3,740	17,956
	1997	21,911	1,130	823	573	0	250	212	95	20,781	4,796	15,985
	1987	21,659	1,161	951	689	5	257	147	63	20,498	4,464	16,034
	1977	21,498	1,091	860	659	0	201	172	59	20,407	4,330	16,077
	1953	20,756	968	791	616	10	165	150	27	19,788	3,138	16,650
Arkansas	2002	18,373	3,277	2,816	2,353	0	463	394	67	15,096	4,497	10,599
	1997	18,392	3,275	2,813	2,350	0	463	394	67	15,118	4,498	10,620
	1987	16,673	3,011	2,659	2,329	0	330	311	41	13,662	4,240	9,422
	1977	16,793	2,918	2,658	2,350	1	307	240	20	13,875	4,156	9,719
	1953	19,627	2,916	2,799	2,292	122	385	115	2	16,711	4,157	12,554
Kentucky	2002	12,347	1,004	863	628	0	235	141	0	11,344	205	11,139
	1997	12,347	1,004	863	628	0	235	141	0	11,344	205	11,139
	1987	11,909	890	856	583	0	273	34	0	11,019	205	10,814
	1977	11,902	895	819	589	0	230	76	1	11,007	255	10,752
	1953	11,497	725	672	455	0	217	53	0	10,772	308	10,464
Louisiana	2002	13,722	1,245	737	507	0	230	300	207	12,477	3,898	8,578
	1997	13,693	1,214	707	477	0	230	300	207	12,479	3,899	8,579
	1987	13,872	1,331	833	621	0	212	330	168	12,541	3,603	8,938
	1977	14,292	1,024	715	581	1	133	299	10	13,268	3,773	9,495
	1953	16,039	848	666	535	4	127	177	5	15,191	3,166	12,025
Mississippi	2002	18,572	1,935	1,525	1,091	0	435	310	100	16,636	3,238	13,399
	1997	18,587	1,936	1,526	1,091	0	435	311	100	16,651	3,241	13,411
	1987	16,674	1,720	1,488	1,240	0	248	100	132	14,954	2,864	12,090
	1977	16,504	1,663	1,202	1,121	1	80	95	366	14,841	2,995	11,846
	1953	16,853	1,709	1,235	1,036	4	195	54	420	15,144	2,461	12,683
Oklahoma	2002	6,234	582	443	223	0	220	118	21	5,651	1,047	4,604
	1997	6,234	574	435	214	0	221	118	21	5,659	1,049	4,610
	1987	6,087	586	464	243	0	221	115	7	5,501	1,046	4,455
	1977	5,536	448	342	219	0	123	91	15	5,088	1,009	4,079
	1953	5,075	494	309	213	7	89	185	0	4,581	889	3,692
Tennessee	2002	13,956	1,565	978	557	0	422	519	69	12,390	1,391	11,000
	1997	13,265	1,509	1,027	556	0	471	422	59	11,757	1,122	10,635
	1987	12,840	1,360	958	581	6	371	373	29	11,480	1,220	10,260
	1977	12,862	1,161	856	558	0	298	283	22	11,701	1,212	10,489
	1953	12,551	1,114	806	564	0	242	298	10	11,437	713	10,724

Table 10—(continued).

			Public							Private[a]		
				Federal								
Region, subregion, and State	Year	All ownerships	Total public	Total Federal	National forest	Bureau of Land Management	Other	State	County and municipal	Total private	Forest industry	Non-industrial private
		Thousand acres										
Texas	2002	11,774	783	669	577	0	92	68	47	10,990	3,720	7,271
	1997	11,766	776	661	569	0	92	68	47	10,990	3,720	7,271
	1987	12,414	795	708	610	0	98	75	12	11,619	3,796	7,823
	1977	12,426	773	717	576	0	141	49	7	11,653	3,818	7,835
	1953	13,081	782	745	654	0	91	35	2	12,299	3,019	9,280
South Central total:	2002	117,899	11,618	8,895	6,536	0	2,359	2,090	633	106,281	21,735	84,546
	1997	116,196	11,417	8,855	6,457	0	2,397	1,966	597	104,778	22,529	82,249
	1987	112,128	10,854	8,917	6,896	11	2,010	1,485	452	101,274	21,438	79,836
	1977	111,812	9,973	8,169	6,653	3	1,513	1,305	500	101,839	21,548	80,291
	1953	115,479	9,556	8,023	6,365	147	1,511	1,067	466	105,923	17,851	88,072
South total:	2002	202,673	21,226	15,848	11,245	0	4,603	4,326	1,052	181,447	35,916	145,531
	1997	200,999	20,791	15,706	11,052	0	4,654	4,099	986	180,208	37,037	143,171
	1987	197,269	19,924	15,959	11,764	11	4,184	3,198	767	177,345	37,988	139,357
	1977	199,630	18,435	15,083	11,496	3	3,584	2,608	746	181,195	36,860	144,335
	1953	204,546	17,443	14,768	10,824	161	3,783	2,018	658	187,103	31,795	155,308
Rocky Mountain:												
Great Plains:												
Kansas	2002	1,491	92	53	0	0	53	32	8	1,399	0	1,399
	1997	1,491	92	53	0	0	53	32	8	1,399	0	1,399
	1987	1,207	46	37	0	0	37	7	2	1,161	0	1,161
	1977	1,187	37	27	0	0	27	8	2	1,151	0	1,151
	1953	1,208	27	27	0	0	27	0	0	1,181	0	1,181
Nebraska	2002	898	108	48	47	0	2	50	10	790	0	790
	1997	898	108	48	47	0	2	50	10	790	0	790
	1987	537	55	29	29	0	0	22	4	482	0	482
	1977	593	54	43	29	0	14	10	1	539	0	539
	1953	734	56	45	28	0	17	11	1	678	0	678
North Dakota	2002	441	54	28	14	0	14	26	0	387	0	387
	1997	442	55	28	14	0	14	26	0	387	0	387
	1987	338	36	12	0	0	12	22	2	302	0	302
	1977	405	63	53	0	0	53	10	0	342	0	342
	1953	451	68	57	0	1	57	11	0	383	0	383
South Dakota	2002	1,511	1,023	967	960	0	8	54	1	488	0	488
	1997	1,487	1,001	946	938	0	8	54	1	485	0	485
	1987	1,447	1,005	915	914	0	1	87	3	442	21	421
	1977	1,467	1,038	965	953	6	6	70	3	429	16	413
	1953	1,621	1,037	970	951	7	11	67	0	585	17	568
Great Plains total:	2002	4,341	1,277	1,097	1,020	0	76	162	18	3,064	0	3,064
	1997	4,317	1,256	1,076	999	0	76	162	18	3,062	0	3,062
	1987	3,529	1,142	993	943	0	50	138	11	2,387	21	2,366
	1977	3,652	1,190	1,087	982	6	99	98	5	2,462	16	2,446
	1953	4,014	1,188	1,099	979	8	112	88	1	2,827	17	2,809
Intermountain:												
Arizona	2002	3,527	2,450	2,438	2,405	0	33	12	0	1,077	0	1,077
	1997	4,073	2,775	2,763	2,720	20	23	12	0	1,297	0	1,297
	1987	3,789	2,527	2,515	2,471	20	24	12	0	1,262	0	1,262
	1977	3,896	2,513	2,480	2,462	18	0	32	2	1,382	0	1,382
	1953	3,621	2,304	2,271	2,269	2	0	32	2	1,317	0	1,317

Table 10—(continued).

			Public							Private[a]		
				Federal								
Region, subregion, and State	Year	All ownerships	Total public	Total Federal	National forest	Bureau of Land Management	Other	State	County and municipal	Total private	Forest industry	Nonindustrial private
						Thousand acres						
Colorado	2002	11,607	8,383	8,020	6,937	1,069	14	311	52	3,224	0	3,224
	1997	11,555	8,331	7,968	6,885	1,069	14	311	52	3,224	0	3,224
	1987	11,740	8,464	8,144	7,062	1,074	8	274	46	3,276	0	3,276
	1977	11,315	8,166	7,933	7,506	422	5	189	45	3,148	15	3,134
	1953	12,283	9,038	8,802	8,382	416	5	190	45	3,245	15	3,231
Idaho	2002	16,824	13,602	12,596	12,055	512	29	980	25	3,222	1,284	1,938
	1997	17,123	13,901	12,896	12,354	512	29	980	25	3,222	1,284	1,938
	1987	14,534	11,397	10,310	9,705	558	47	1,036	51	3,137	1,198	1,939
	1977	13,541	10,450	9,570	9,153	409	8	861	19	3,091	947	2,144
	1953	15,540	12,445	11,558	11,046	505	8	867	19	3,095	954	2,142
Montana	2002	19,185	13,228	12,506	11,623	783	100	715	7	5,957	1,618	4,339
	1997	19,164	13,207	12,485	11,602	783	100	715	7	5,957	1,618	4,340
	1987	14,737	9,382	8,742	8,300	431	11	638	2	5,355	1,703	3,652
	1977	14,359	9,169	8,635	8,162	420	53	530	5	5,190	1,055	4,135
	1953	16,753	11,529	10,992	10,456	482	54	533	5	5,224	1,063	4,161
Nevada	2002	363	281	265	251	5	8	16	0	82	25	57
	1997	169	86	70	57	5	8	16	0	82	25	57
	1987	221	109	106	99	6	1	3	0	112	0	112
	1977	134	66	61	61	0	0	3	1	69	8	60
	1953	142	73	68	68	0	0	3	1	69	8	61
New Mexico	2002	4,359	2,948	2,829	2,802	27	0	119	0	1,411	0	1,411
	1997	4,833	2,875	2,778	2,733	44	0	84	13	1,958	0	1,958
	1987	5,180	3,005	2,893	2,863	30	0	112	0	2,175	5	2,170
	1977	5,538	3,037	2,867	2,818	39	9	171	0	2,500	0	2,500
	1953	5,627	3,067	2,895	2,809	77	9	172	0	2,559	138	2,421
Utah	2002	4,683	3,805	3,586	3,248	338	0	212	7	878	0	878
	1997	4,700	3,822	3,603	3,265	338	0	212	7	878	0	878
	1987	3,078	2,481	2,314	2,108	175	31	150	17	597	0	597
	1977	3,405	2,670	2,431	2,277	154	0	239	0	735	0	735
	1953	3,882	3,058	2,817	2,662	155	0	241	0	824	0	824
Wyoming	2002	5,739	4,295	4,093	3,618	474	0	203	0	1,444	0	1,444
	1997	5,085	3,641	3,438	2,964	474	0	203	0	1,444	0	1,444
	1987	4,332	2,888	2,685	2,211	474	0	203	0	1,444	37	1,407
	1977	4,334	3,355	3,245	3,045	200	0	111	0	979	54	925
	1953	4,738	3,752	3,641	3,244	397	0	112	0	986	55	932
Intermountain total:	2002	66,287	48,991	46,332	42,939	3,208	185	2,569	90	17,296	2,926	14,370
	1997	66,701	48,638	46,001	42,580	3,245	175	2,534	103	18,063	2,926	15,137
	1987	57,611	40,253	37,709	34,819	2,768	122	2,428	116	17,358	2,943	14,415
	1977	56,521	39,427	37,220	35,483	1,663	74	2,136	71	17,094	2,079	15,014
	1953	62,585	45,267	43,044	40,935	2,033	75	2,152	72	17,318	2,233	15,086
Rocky Mountain total:	2002	70,628	50,268	47,428	43,959	3,208	261	2,730	109	20,360	2,926	17,434
	1997	71,018	49,893	47,076	43,579	3,246	252	2,696	121	21,125	2,926	18,199
	1987	61,140	41,395	38,702	35,762	2,768	172	2,566	127	19,745	2,964	16,781
	1977	60,173	40,617	38,307	36,465	1,669	173	2,234	76	19,556	2,095	17,460
	1953	66,599	46,455	44,143	41,914	2,041	187	2,240	73	20,145	2,250	17,895

Table 10—(continued).

			Public							Private[a]		
				Federal								
Region, subregion, and State	Year	All owner-ships	Total public	Total Federal	National forest	Bureau of Land Manage-ment	Other	State	County and muni-cipal	Total private	Forest industry	Non-industrial private
						Thousand acres						
Pacific Coast:												
Alaska:												
Alaska	2002	11,865	9,094	4,750	3,772	805	173	4,282	62	2,771	0	2,771
	1997	12,395	8,605	4,306	3,780	407	119	4,279	20	3,790	0	3,790
	1987	15,763	9,578	4,936	4,476	336	124	4,622	20	6,185	0	6,185
	1977	19,722	19,164	15,751	6,529	9,096	126	3,396	17	558	0	558
	1953	20,342	20,086	20,007	6,873	13,008	126	75	4	257	0	257
Alaska total:	2002	11,865	9,094	4,750	3,772	805	173	4,282	62	2,771	0	2,771
	1997	12,395	8,605	4,306	3,780	407	119	4,279	20	3,790	0	3,790
	1987	15,763	9,578	4,936	4,476	336	124	4,622	20	6,185	0	6,185
	1977	19,722	19,164	15,751	6,529	9,096	126	3,396	17	558	0	558
	1953	20,342	20,086	20,007	6,873	13,008	126	75	4	257	0	257
Pacific Northwest:												
Oregon	2002	23,831	15,125	14,194	11,978	2,213	3	811	120	8,706	5,022	3,684
	1997	23,749	15,123	14,217	11,999	2,213	6	815	91	8,626	5,012	3,613
	1987	22,801	14,107	13,178	10,868	2,304	6	827	102	8,694	5,114	3,580
	1977	24,211	14,743	13,817	11,633	2,178	6	820	106	9,468	5,522	3,946
	1953	25,688	14,706	13,654	11,296	2,350	8	797	255	10,982	4,661	6,321
Washington	2002	17,347	8,379	6,104	5,933	36	134	2,076	200	8,968	4,152	4,816
	1997	17,418	8,464	6,209	6,036	33	139	2,035	220	8,954	4,109	4,845
	1987	17,514	7,941	5,691	5,524	37	130	2,025	225	9,573	4,588	4,985
	1977	17,922	7,648	5,382	5,167	47	168	2,084	182	10,274	4,319	5,955
	1953	19,188	8,191	5,882	5,595	174	113	2,095	214	10,997	4,385	6,612
Pacific Northwest total:	2002	41,178	23,505	20,297	17,911	2,249	138	2,887	320	17,674	9,174	8,500
	1997	41,167	23,587	20,426	18,035	2,246	145	2,850	310	17,580	9,121	8,458
	1987	40,315	22,048	18,869	16,392	2,341	136	2,852	327	18,267	9,702	8,565
	1977	42,133	22,391	19,199	16,800	2,225	174	2,904	288	19,742	9,841	9,901
	1953	44,876	22,897	19,536	16,891	2,524	121	2,892	469	21,979	9,046	12,933
Pacific Southwest:												
California	2002	17,781	10,298	10,130	9,916	204	11	146	22	7,483	2,932	4,551
	1997	17,952	10,516	10,319	10,086	218	15	159	38	7,437	2,982	4,455
	1987	16,712	9,158	9,051	8,742	300	9	95	12	7,554	2,757	4,797
	1977	16,303	8,540	8,434	8,168	226	40	79	27	7,763	2,687	5,076
	1953	17,127	8,931	8,730	8,372	318	40	193	8	8,196	2,167	6,029
Hawaii	2002	700	338	0	0	0	0	336	2	362	0	362
	1997	700	338	0	0	0	0	336	2	362	0	362
	1987	700	338	0	0	0	0	336	2	362	0	362
	1977	948	454	12	0	0	12	442	0	494	0	494
	1953	1,089	496	9	0	0	9	487	0	593	0	593
Pacific Southwest total:	2002	18,481	10,637	10,130	9,916	204	11	483	23	7,845	2,932	4,912
	1997	18,652	10,854	10,319	10,086	218	15	495	40	7,798	2,982	4,816
	1987	17,412	9,496	9,051	8,742	300	9	431	14	7,916	2,757	5,159
	1977	17,251	8,994	8,446	8,168	226	52	521	27	8,257	2,687	5,570
	1953	18,216	9,427	8,739	8,372	318	49	680	8	8,789	2,167	6,622

Table 10—(continued).

			Public							Private[a]		
				Federal								
Region, subregion, and State	**Year**	**All owner-ships**	**Total public**	**Total Federal**	**National forest**	**Bureau of Land Manage-ment**	**Other**	**State**	**County and muni-cipal**	**Total private**	**Forest industry**	**Non-industrial private**
						Thousand acres						
Pacific Coast total:	2002	71,524	43,235	35,178	31,599	3,258	322	7,652	405	28,290	12,106	16,183
	1997	72,214	43,046	35,052	31,901	2,871	279	7,624	370	29,168	12,103	17,064
	1987	73,490	41,122	32,856	29,610	2,977	269	7,905	361	32,368	12,459	19,909
	1977	79,106	50,549	43,396	31,497	11,547	352	6,821	332	28,557	12,528	16,029
	1953	83,434	52,140	48,282	32,136	15,850	296	3,647	481	31,025	11,213	19,812
United States:	2002	503,540	147,276	109,717	96,643	6,492	6,582	29,505	8,055	356,264	65,596	290,667
	1997	503,664	145,967	109,168	96,435	6,143	6,590	28,915	7,883	357,698	66,858	290,840
	1987	486,317	132,406	98,433	86,592	5,800	6,041	26,837	7,137	353,911	70,347	283,564
	1977	492,355	138,169	106,887	88,701	13,237	4,949	24,447	6,835	354,186	68,937	285,249
	1953	508,854	145,436	118,056	94,707	18,116	5,234	19,183	8,197	363,419	58,979	304,440

[a] Native American lands have been exclusively in the nonindustrial private owner group since 1997. For 1987 and earlier years, these lands may be included in the other public owner group.

Note: Data may not add to totals because of rounding.

Table 11—Timberland area in the United States by ownership group, region, subregion, and State, 2002

Region, subregion, and State	All ownerships	Ownership group			
		National forest	Other public	Forest industry	Non-industrial private
	Thousand acres				
North:					
Northeast:					
Connecticut	1,696	0	280	0	1,416
Delaware	376	0	25	26	325
Maine	16,952	34	598	7,298	9,022
Maryland	2,372	0	422	88	1,862
Massachusetts	2,631	0	554	14	2,063
New Hampshire	4,503	520	361	458	3,164
New Jersey	1,876	0	588	0	1,288
New York	15,389	5	1,142	1,219	13,022
Pennsylvania	15,853	446	3,072	613	11,721
Rhode Island	340	0	81	0	259
Vermont	4,482	255	378	253	3,597
West Virginia	11,900	904	420	887	9,689
Total	78,370	2,164	7,921	10,856	57,428
North Central:					
Illinois	4,087	249	191	11	3,635
Indiana	4,342	170	453	17	3,701
Iowa	1,944	0	156	0	1,788
Michigan	18,616	2,542	4,034	1,514	10,525
Minnesota	14,723	1,821	5,763	751	6,388
Missouri	13,365	1,315	691	222	11,137
Ohio	7,568	216	316	174	6,862
Wisconsin	15,701	1,363	3,183	1,102	10,053
Total	80,346	7,676	14,787	3,791	54,089
North total:	158,716	9,840	22,708	14,647	111,517
South:					
Southeast:					
Florida	14,636	1,015	1,802	4,016	7,803
Georgia	23,802	703	1,055	4,381	17,664
North Carolina	18,664	1,036	868	2,252	14,508
South Carolina	12,301	564	660	1,994	9,082
Virginia	15,371	1,392	515	1,537	11,927
Total	84,774	4,710	4,900	14,180	60,984
South Central:					
Alabama	22,922	601	625	3,740	17,956
Arkansas	18,373	2,353	924	4,497	10,599
Kentucky	12,347	628	376	205	11,139
Louisiana	13,722	507	738	3,898	8,578
Mississippi	18,572	1,091	844	3,238	13,399
Oklahoma	6,234	223	359	1,047	4,604
Tennessee	13,956	557	1,009	1,391	11,000
Texas	11,774	577	207	3,720	7,271
Total	117,900	6,537	5,082	21,736	84,546
South total:	202,674	11,247	9,982	35,916	145,530
Rocky Mountain:					
Great Plains:					
Kansas	1,491	0	92	0	1,399
Nebraska	898	47	61	0	790
North Dakota	441	14	41	0	387
South Dakota	1,511	960	63	0	488
Total	4,341	1,021	257	0	3,064
Intermountain:					
Arizona	3,527	2,405	44	0	1,077
Colorado	11,607	6,937	1,446	0	3,224
Idaho	16,824	12,055	1,547	1,284	1,938
Montana	19,185	11,623	1,605	1,618	4,339
Nevada	363	251	30	25	57
New Mexico	4,359	2,802	146	0	1,411
Utah	4,683	3,248	557	0	878
Wyoming	5,739	3,618	677	0	1,444
Total	66,287	42,939	6,052	2,927	14,368
Rocky Mountain total:	70,628	43,960	6,309	2,927	17,432
Pacific Coast:					
Alaska:					
Alaska	11,865	3,772	5,321	0	2,771
Total	11,865	3,772	5,321	0	2,771
Pacific Northwest:					
Oregon	23,831	11,978	3,147	5,022	3,684
Washington	17,347	5,933	2,446	4,152	4,816
Total	41,178	17,911	5,593	9,174	8,500
Pacific Southwest:					
California	17,781	9,916	383	2,932	4,551
Hawaii	700	0	338	0	362
Total	18,481	9,916	721	2,932	4,913
Pacific Coast total:	71,524	31,599	11,635	12,106	16,184
United States:	503,542	96,646	50,634	65,596	290,663

Note: Data may not add to totals because of rounding.

Table 12—Timberland area in the Eastern United States by forest type group, subregion, and stand-age class, 2002

		Forest type group											
Subregion and stand-age class	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked
(Years)	*Thousand acres*												
Northeast:													
0 to 19	3,222	85	512	0	82	29	488	7	111	1,402	464	0	42
20 to 39	8,951	621	943	0	272	248	2,003	49	681	3,270	829	0	36
40 to 59	13,457	1,138	817	0	338	551	5,009	40	501	4,283	779	0	0
60 to 79	18,672	1,313	1,391	0	251	659	6,702	69	369	7,300	619	0	0
80 to 99	12,794	917	984	0	109	249	4,733	59	192	5,208	342	0	0
100 to 149	5,453	447	978	0	41	111	1,627	4	83	2,074	88	0	0
150 to 199	173	7	112	0	0	0	0	0	0	47	7	0	0
200 and older	20	0	20	0	0	0	0	0	0	0	0	0	0
Uneven aged	15,630	1,438	1,823	0	182	441	3,550	92	339	7,005	741	0	18
Total	78,371	5,965	7,580	0	1,273	2,289	24,112	320	2,277	30,590	3,869	0	96
North Central:													
0 to 19	9,946	786	652	0	84	163	1,926	6	819	1,997	3,283	0	229
20 to 39	14,337	1,296	1,583	0	197	267	3,367	69	1,737	2,966	2,822	0	33
40 to 59	20,723	1,225	1,825	0	233	372	6,103	88	2,198	4,911	3,746	0	22
60 to 79	17,014	495	1,575	0	100	228	5,981	58	1,607	4,556	2,399	0	15
80 to 99	8,868	255	918	0	49	98	4,008	44	635	2,339	517	0	6
100 to 149	5,990	141	904	0	8	36	2,366	12	436	1,927	157	0	4
150 to 199	302	5	106	0	0	0	76	0	17	94	5	0	0
200 and older	28	5	8	0	0	0	0	0	5	6	4	0	0
Uneven aged	3,135	23	6	0	26	31	1,477	23	415	1,091	37	0	5
Total	80,344	4,233	7,576	0	697	1,193	25,305	299	7,871	19,886	12,971	0	313
Southeast:													
0 to 19	30,363	82	0	5,244	11,765	4,254	6,091	2,652	211	11	0	2	53
20 to 39	16,478	133	0	2,684	5,892	1,991	3,809	1,787	171	12	0	0	0
40 to 59	18,290	124	7	1,514	3,808	2,619	6,686	3,231	229	72	0	0	0
60 to 79	13,127	138	4	745	1,200	1,584	6,288	2,862	154	152	0	0	0
80 to 99	4,521	30	0	118	208	439	2,323	1,294	59	50	0	0	0
100 to 149	1,904	29	0	15	41	121	984	665	12	38	0	0	0
150 to 199	87	5	0	0	0	11	36	35	0	0	0	0	0
200 and older	4	0	0	0	0	4	0	0	0	0	0	0	0
Uneven aged	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	84,774	541	11	10,319	22,913	11,022	26,217	12,525	836	334	0	2	53
South Central:													
0 to 19	36,914	11	0	1,671	15,936	5,923	10,307	2,300	413	6	0	0	347
20 to 39	30,055	30	0	727	8,348	6,399	10,596	3,436	417	88	0	0	15
40 to 59	28,276	36	0	406	3,207	4,342	13,446	6,220	467	148	0	0	3
60 to 79	13,842	42	0	191	606	1,065	7,506	4,012	264	147	0	0	9
80 to 99	3,226	8	0	19	64	214	2,415	331	80	94	0	0	2
100 to 149	1,176	10	0	12	12	33	989	89	6	25	0	0	0
150 to 199	1	0	0	0	0	1	0	0	0	0	0	0	0
200 and older	0	0	0	0	0	0	0	0	0	0	0	0	0
Uneven aged	4,408	7	0	0	121	159	3,404	288	221	208	0	0	0
Total	117,899	143	0	3,025	28,294	18,137	48,663	16,677	1,867	717	0	0	376

Table 12—(continued).

Subregion and stand-age class	All forest types	Forest type group											
		White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked
(Years)	*Thousand acres*												
East total:													
0 to 19	80,445	963	1,163	6,915	27,868	10,368	18,812	4,966	1,554	3,416	3,747	2	671
20 to 39	69,821	2,080	2,526	3,411	14,707	8,904	19,775	5,340	3,006	6,336	3,651	0	83
40 to 59	80,746	2,524	2,648	1,920	7,586	7,884	31,244	9,579	3,395	9,414	4,525	0	25
60 to 79	62,655	1,988	2,970	935	2,158	3,535	26,477	7,001	2,393	12,155	3,018	0	24
80 to 99	29,409	1,210	1,902	136	429	1,000	13,479	1,728	966	7,691	859	0	8
100 to 149	14,524	627	1,882	27	101	301	5,966	770	537	4,063	245	0	4
150 to 199	563	16	218	0	0	12	112	35	17	141	12	0	0
200 and older	52	5	28	0	0	4	0	0	5	6	4	0	0
Uneven aged	23,173	1,468	1,829	0	329	631	8,431	404	976	8,303	779	0	23
Total	361,388	10,882	15,167	13,345	53,178	32,640	124,297	29,822	12,850	51,527	16,840	2	838

Note: Data may not add to totals because of rounding.

Table 13—Timberland area in the Western United States by forest type group, subregion, and stand-age class, 2002

		Forest type group											
Subregion and stand-age class (Years)	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other softwoods	Western hardwoods	Pinyon-juniper	Nonstocked
	Thousand acres												
Great Plains:													
0 to 19	452	0	133	0	0	0	0	0	0	10	284	0	25
20 to 39	898	0	47	0	0	0	0	0	0	50	798	0	3
40 to 59	952	0	88	0	0	0	0	0	0	27	834	0	4
60 to 79	880	0	257	0	0	0	0	0	0	20	598	0	5
80 to 99	708	0	408	0	0	0	0	0	0	13	279	0	8
100 to 149	372	0	272	0	0	0	0	0	0	35	63	0	3
150 to 199	72	0	64	0	0	0	0	0	0	0	9	0	0
200 and older	7	0	6	0	0	0	0	0	0	1	0	0	0
Uneven aged	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4,341	0	1,275	0	0	0	0	0	0	156	2,864	0	46
Intermountain:													
0 to 19	7,249	1,769	1,816	37	1,292	110	123	730	0	183	726	70	392
20 to 39	2,588	477	380	29	736	48	80	330	0	83	424	0	0
40 to 59	4,856	1,312	937	38	819	204	86	645	0	73	745	0	0
60 to 79	12,590	3,167	3,160	3	1,789	272	235	1,955	0	162	1,845	0	0
80 to 99	15,175	3,940	3,811	12	2,655	401	177	2,319	0	133	1,726	0	0
100 to 149	15,673	4,217	2,957	4	4,307	317	116	2,575	0	450	730	0	0
150 to 199	5,766	1,710	718	0	1,963	131	65	799	0	341	40	0	0
200 and older	2,390	831	200	0	851	30	10	202	0	256	10	0	0
Uneven aged	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	66,287	17,424	13,979	124	14,411	1,512	893	9,555	0	1,681	6,246	70	392
Alaska:													
0 to 19	425	0	0	0	63	182	0	0	0	0	164	0	16
20 to 39	974	0	0	0	135	82	0	0	0	3	715	0	39
40 to 59	1,095	0	0	0	279	34	0	0	0	79	700	0	4
60 to 79	907	0	0	0	332	38	0	4	0	18	515	0	0
80 to 99	1,509	0	0	0	540	310	0	0	0	7	652	0	0
100 to 149	1,838	0	0	0	1,031	369	0	0	0	38	367	0	33
150 to 199	1,395	0	0	0	447	489	0	6	0	3	450	0	0
200 and older	3,217	0	0	0	724	2,444	0	29	0	0	6	0	14
Uneven aged	507	0	0	0	97	299	0	1	0	8	94	0	8
Total	11,865	0	0	0	3,648	4,247	0	39	0	155	3,663	0	113
Pacific Northwest:													
0 to 19	7,060	3,192	619	10	420	850	16	430	0	2	796	111	613
20 to 39	5,478	2,619	271	9	191	914	9	160	0	10	1,260	15	18
40 to 59	6,203	2,833	716	6	190	848	29	364	6	0	1,170	15	28
60 to 79	5,514	2,224	1,230	0	463	442	89	390	0	4	618	46	7
80 to 99	4,841	1,789	1,237	4	596	320	52	413	0	18	352	59	2
100 to 149	6,863	2,557	1,412	15	1,268	595	51	505	0	9	304	127	20
150 to 199	2,914	990	545	4	652	440	28	122	0	17	90	26	0
200 and older	2,305	756	220	4	497	619	9	61	0	4	118	18	0
Uneven aged	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	41,178	16,960	6,251	51	4,277	5,027	284	2,445	6	64	4,710	417	687

Table 13—(continued).

		Forest type group											
Subregion and stand-age class (Years)	**All forest types**	**Douglas-fir**	**Pon-derosa pine**	**Western white pine**	**Fir-spruce**	**Hemlock-Sitka spruce**	**Larch**	**Lodge-pole pine**	**Red-wood**	**Other soft-woods**	**Western hard-woods**	**Pinyon-juniper**	**Non-stocked**
						Thousand acres							
Pacific Southwest:													
0 to 19	2,311	99	265	0	41	0	0	11	43	159	569	4	1,121
20 to 39	1,310	148	326	0	4	1	0	2	177	114	537	0	0
40 to 59	1,929	78	596	8	81	7	0	22	197	214	727	0	0
60 to 79	2,594	52	878	7	212	0	0	40	141	474	787	2	0
80 to 99	2,955	117	1,262	0	212	0	0	49	59	565	691	0	0
100 to 149	3,588	70	1,100	9	337	1	0	154	50	1,307	558	1	0
150 to 199	1,754	66	167	10	282	21	0	69	8	830	302	0	0
200 and older	2,040	137	252	5	187	18	0	97	54	1,000	291	0	0
Uneven aged	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	18,481	767	4,846	39	1,355	48	0	443	730	4,663	4,461	7	1,121
West total:													
0 to 19	17,496	5,061	2,833	47	1,816	1,142	140	1,170	43	355	2,538	185	2,167
20 to 39	11,247	3,244	1,024	39	1,067	1,045	89	493	177	260	3,735	15	59
40 to 59	15,036	4,223	2,337	52	1,368	1,093	114	1,030	203	392	4,175	15	35
60 to 79	22,483	5,444	5,526	10	2,796	752	324	2,389	141	677	4,364	48	11
80 to 99	25,187	5,846	6,718	16	4,002	1,030	229	2,782	59	736	3,700	59	9
100 to 149	28,334	6,843	5,741	27	6,943	1,281	168	3,234	50	1,840	2,023	129	56
150 to 199	11,902	2,766	1,493	13	3,343	1,081	93	995	8	1,192	891	26	0
200 and older	9,959	1,724	678	9	2,259	3,111	20	388	54	1,260	425	18	14
Uneven aged	507	0	0	0	97	299	0	1	0	8	94	0	8
Total	142,152	35,151	26,350	214	23,691	10,834	1,177	12,483	735	6,719	21,944	494	2,359

Note: Data may not add to totals because of rounding.

Table 14—Timberland area in the United States by forest type group, subregion, and stand-size class, 2002

		Forest type group											
Subregion and stand-size class	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked
	Thousand acres												
Northeast:													
Nonstocked	141	0	0	0	10	0	29	0	3	3	0	0	96
Seedling-sapling	11,979	332	2,076	0	248	235	2,471	77	585	4,425	1,530	0	0
Poletimber	25,392	995	3,016	0	498	884	7,337	83	760	10,024	1,794	0	0
Sawtimber	40,860	4,639	2,487	0	517	1,170	14,275	160	929	16,138	545	0	0
Total	78,371	5,965	7,580	0	1,273	2,289	24,112	320	2,277	30,590	3,869	0	96
North Central:													
Nonstocked	312	0	0	0	0	0	0	0	0	0	0	0	312
Seedling-sapling	19,038	1,001	3,079	0	158	276	4,100	7	1,754	3,718	4,944	0	1
Poletimber	25,174	1,460	2,729	0	190	391	6,787	67	2,377	6,346	4,827	0	0
Sawtimber	35,820	1,773	1,769	0	348	526	14,418	226	3,740	9,822	3,199	0	0
Total	80,344	4,233	7,576	0	697	1,193	25,305	299	7,871	19,886	12,971	0	313
Southeast:													
Nonstocked	1,142	5	0	349	178	83	206	247	22	0	0	0	53
Seedling-sapling	24,893	51	4	3,665	7,634	4,381	6,219	2,749	180	10	0	0	0
Poletimber	23,539	73	5	3,307	7,715	2,559	6,542	3,110	180	46	0	2	0
Sawtimber	35,200	412	2	2,998	7,386	3,999	13,250	6,420	455	278	0	0	0
Total	84,774	541	11	10,319	22,913	11,022	26,217	12,525	836	334	0	2	53
South Central:													
Nonstocked	376	0	0	0	0	0	0	0	0	0	0	0	376
Seedling-sapling	36,568	29	0	970	9,398	7,236	15,300	3,016	516	104	0	0	0
Poletimber	28,037	5	0	750	7,391	3,997	12,435	2,901	364	194	0	0	0
Sawtimber	52,918	109	0	1,305	11,506	6,903	20,928	10,761	987	419	0	0	0
Total	117,899	143	0	3,025	28,294	18,137	48,663	16,677	1,867	717	0	0	376
East total:													
Nonstocked	1,971	5	0	349	187	83	235	247	24	3	0	0	837
Seedling-sapling	92,478	1,412	5,159	4,635	17,439	12,128	28,090	5,848	3,035	8,256	6,474	0	1
Poletimber	102,142	2,533	5,750	4,057	15,794	7,831	33,101	6,161	3,680	16,611	6,621	2	0
Sawtimber	164,798	6,932	4,258	4,304	19,757	12,598	62,870	17,566	6,111	26,656	3,745	0	0
Total	361,388	10,882	15,167	13,345	53,178	32,640	124,297	29,822	12,850	51,527	16,840	2	838

Table 14—(continued).

Subregion and stand-size class	All forest types	Forest type group											
		Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock Sitka spruce	Larch	Lodgepole pine	Redwood	Other softwoods	Western hardwoods	Pinyon-juniper	Nonstocked
						Thousand acres							
Great Plains:													
Nonstocked	46	0	0	0	0	0	0	0	0	0	0	0	46
Seedling-sapling	881	0	204	0	0	0	0	0	0	65	612	0	0
Poletimber	1,168	0	218	0	0	0	0	0	0	39	912	0	0
Sawtimber	2,245	0	853	0	0	0	0	0	0	51	1,340	0	0
Total	4,341	0	1,275	0	0	0	0	0	0	156	2,864	0	46
Intermountain:													
Nonstocked	2,864	719	1,032	7	311	37	8	107	0	115	136	0	392
Seedling-sapling	7,151	1,622	979	47	1,820	128	188	1,182	0	158	1,026	0	0
Poletimber	12,132	1,660	1,121	36	1,477	153	186	3,861	0	294	3,275	70	0
Sawtimber	44,140	13,423	10,847	34	10,803	1,194	512	4,404	0	1,114	1,808	0	0
Total	66,287	17,424	13,979	124	14,411	1,512	893	9,555	0	1,681	6,246	70	392
Alaska:													
Nonstocked	234	0	0	0	23	91	0	0	0	6	1	0	113
Seedling-sapling	2,550	0	0	0	948	406	0	6	0	78	1,112	0	0
Poletimber	3,135	0	0	0	1,048	74	0	14	0	68	1,932	0	0
Sawtimber	5,945	0	0	0	1,629	3,676	0	19	0	3	618	0	0
Total	11,865	0	0	0	3,648	4,247	0	39	0	155	3,663	0	113
Pacific Northwest:													
Nonstocked	1,059	81	199	0	20	8	2	28	0	0	15	28	679
Seedling-sapling	8,910	3,753	785	37	961	1,178	35	1,072	0	21	1,009	58	0
Poletimber	5,442	1,788	642	4	274	490	61	668	0	8	1,447	52	8
Sawtimber	25,768	11,338	4,625	11	3,023	3,352	186	677	6	34	2,239	278	0
Total	41,178	16,960	6,251	51	4,277	5,027	284	2,445	6	64	4,710	417	687
Pacific Southwest:													
Nonstocked	1,140	0	6	0	6	0	0	3	0	3	0	0	1,121
Seedling-sapling	1,360	115	325	8	73	1	0	28	34	238	535	4	0
Poletimber	1,598	68	356	5	14	0	0	21	41	157	936	0	0
Sawtimber	14,384	584	4,159	26	1,262	47	0	390	655	4,265	2,991	3	0
Total	18,481	767	4,846	39	1,355	48	0	443	730	4,663	4,461	7	1,121
West total:													
Nonstocked	5,343	800	1,237	7	359	135	10	138	0	124	152	28	2,352
Seedling-sapling	20,851	5,489	2,292	91	3,802	1,713	224	2,288	34	561	4,295	62	0
Poletimber	23,476	3,516	2,337	45	2,813	717	246	4,565	41	566	8,501	122	8
Sawtimber	92,482	25,345	20,484	71	16,717	8,269	697	5,491	661	5,468	8,996	281	0
Total	142,152	35,151	26,350	214	23,691	10,834	1,177	12,483	735	6,719	21,944	494	2,359

Note: Data may not add to totals because of rounding.

Table 15—Area of timberland in the United States by stand-size class, region, and subregion, 2002, 1997, 1987, 1977, and 1953

Region and subregion	Year	Total	Sawtimber	Poletimber	Seedling/ sapling	Nonstocked
				Thousand acres		
North:						
Northeast	2002	78,370	40,860	25,392	11,978	142
	1997	78,923	40,513	26,022	12,285	104
	1987	79,835	41,299	27,588	10,676	271
	1977	78,561	33,801	21,614	21,071	2,075
	1953	73,035	27,639	30,287	12,631	2,478
North Central	2002	80,346	35,820	25,174	19,038	314
	1997	80,510	35,545	25,025	19,640	300
	1987	74,585	26,017	28,018	19,022	1,528
	1977	74,885	21,971	29,774	20,811	2,329
	1953	81,240	15,414	26,712	26,524	12,590
North total:	2002	158,716	76,680	50,566	31,016	456
	1997	159,433	76,058	51,047	31,925	403
	1987	154,419	67,316	55,606	29,698	1,799
	1977	153,446	55,772	51,388	41,882	4,404
	1953	154,275	43,053	56,999	39,155	15,068
South:						
Southeast	2002	84,774	35,202	23,539	24,893	1,142
	1997	84,803	35,742	22,385	25,511	1,165
	1987	85,141	36,415	25,189	20,273	3,264
	1977	87,818	32,878	28,619	22,162	4,159
	1953	89,067	25,669	29,709	21,804	11,885
South Central	2002	117,900	52,917	28,036	36,568	375
	1997	116,196	52,801	30,018	33,111	266
	1987	112,127	48,622	34,688	28,677	140
	1977	111,812	43,789	32,611	34,331	1,081
	1953	115,479	39,736	53,172	18,051	4,520
South total:	2002	202,674	88,119	51,575	61,461	1,517
	1997	200,999	88,543	52,403	58,622	1,431
	1987	197,268	85,037	59,877	48,950	3,404
	1977	199,630	76,667	61,230	56,493	5,240
	1953	204,546	65,405	82,881	39,855	16,405
East total:	2002	361,390	164,799	102,141	92,477	1,973
	1997	360,432	164,601	103,450	90,547	1,834
	1987	351,687	152,342	115,495	78,648	5,202
	1977	353,076	132,439	112,618	98,375	9,644
	1953	358,821	108,458	139,880	79,010	31,473

Table 15—(continued).

Region and subregion	Year	Total	Sawtimber	Poletimber	Seedling/ sapling	Nonstocked
				Thousand acres		
Rocky Mountain:						
Great Plains	2002	4,341	2,245	1,169	882	46
	1997	4,317	2,250	1,254	761	53
	1987	3,529	1,993	758	675	102
	1977	3,652	2,003	756	396	497
	1953	4,014	1,341	1,302	850	521
Intermountain	2002	66,287	44,140	12,132	7,150	2,863
	1997	66,701	45,416	12,078	6,543	2,664
	1987	57,610	40,526	9,453	6,308	1,324
	1977	56,521	35,880	12,197	5,873	2,571
	1953	62,585	29,613	19,412	8,823	4,737
Rocky Mountain total:	2002	70,628	46,385	13,301	8,032	2,909
	1997	71,018	47,666	13,332	7,304	2,717
	1987	61,139	42,519	10,211	6,983	1,426
	1977	60,173	37,883	12,953	6,269	3,068
	1953	66,599	30,954	20,714	9,673	5,258
Pacific Coast:						
Alaska	2002	11,865	5,945	3,135	2,550	234
	1997	12,395	7,282	2,764	2,186	163
	1987	15,763	10,155	3,018	2,423	168
	1977	19,720	14,592	2,487	2,492	149
	1953	20,342	19,499	357	357	129
Pacific Northwest	2002	41,178	25,768	5,441	8,909	1,058
	1997	41,167	25,744	5,421	8,955	1,047
	1987	40,315	24,093	7,672	7,403	1,147
	1977	42,133	26,230	7,196	6,711	1,996
	1953	44,876	28,367	8,418	5,428	2,663
Pacific Southwest	2002	18,481	14,383	1,598	1,359	1,139
	1997	18,652	13,387	2,203	1,291	1,772
	1987	17,412	13,747	1,597	1,956	112
	1977	17,251	12,066	1,440	1,995	1,750
	1953	18,216	14,213	1,319	97	2,587
Pacific Coast total:	2002	71,524	46,096	10,174	12,818	2,431
	1997	72,214	46,413	10,387	12,431	2,982
	1987	73,490	47,994	12,286	11,782	1,427
	1977	79,104	52,888	11,123	11,198	3,895
	1953	83,434	62,079	10,094	5,882	5,379
West total:	2002	142,152	92,481	23,475	20,850	5,340
	1997	143,232	94,079	23,719	19,735	5,699
	1987	134,629	90,513	22,498	18,765	2,853
	1977	139,277	90,771	24,076	17,467	6,963
	1953	150,033	93,033	30,808	15,555	10,637
United States:	2002	503,542	257,280	125,616	113,327	7,313
	1997	503,664	258,680	127,169	110,283	7,533
	1987	486,316	242,855	137,993	97,413	8,055
	1977	492,353	223,210	136,694	115,842	16,607
	1953	508,854	201,491	170,688	94,565	42,110

Note: Data may not add to totals because of rounding.

Table 16—Timberland area in the United States by major geographic region and forest type group, 2002, 1997, 1987, 1977, and 1953

Region	Year	All eastern types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash–cottonwood	Maple-beech–birc h	Aspen-birch	Non-stocked
							Thousand acres						
North	2002	158,715	10,198	15,156	0	1,971	3,482	49,416	620	10,148	50,476	16,840	409
	1997	159,433	10,512	15,185	0	2,263	3,595	49,678	770	10,000	50,210	16,818	404
	1987	154,418	13,030	16,421	0	2,294	3,457	45,945	778	11,009	42,263	17,346	1,876
	1977	153,446	11,362	17,468	0	2,468	3,115	42,262	518	18,050	34,300	19,149	4,754
	1953	154,275	8,940	18,887	0	3,569	1,022	46,455	1,212	19,673	23,248	24,637	6,633
South	2002	202,673	683	11	13,345	51,207	29,159	74,881	29,203	2,703	1,051	0	429
	1997	200,999	645	11	13,129	49,719	29,809	74,315	28,495	2,299	1,146	0	1,431
	1987	197,269	519	18	15,640	46,694	28,043	71,239	27,596	3,036	884	0	3,599
	1977	199,630	407	8	16,725	47,433	31,453	66,307	26,116	4,171	1,776	0	5,234
	1953	204,546	329	12	26,926	51,792	23,970	54,872	34,498	4,051	750	0	7,346
East total:	2002	361,388	10,882	15,167	13,345	53,178	32,640	124,297	29,822	12,850	51,527	16,840	838
	1997	360,432	11,157	15,196	13,129	51,982	33,404	123,992	29,265	12,299	51,356	16,818	1,835
	1987	351,687	13,789	16,752	15,407	48,335	31,148	116,997	27,977	14,210	43,939	17,676	5,457
	1977	353,076	11,769	17,476	16,725	49,901	34,568	108,569	26,635	22,222	36,076	19,149	9,988
	1953	358,821	9,269	18,899	26,926	55,360	24,992	101,326	35,710	23,724	23,998	24,637	13,979

Region	Year	All western types	Douglas-fir	Ponderosa-Jeffrey pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Red-wood	Other Westerm softwood types	Western hardwood types	Pinyon-juniper	Non-stocked
							Thousand acres							
Rocky Mountain	2002	70,628	17,424	15,254	124	14,411	1,512	893	9,555	0	1,837	9,110	70	438
	1997	71,018	17,645	15,752	131	14,236	1,510	873	9,696	0	1,906	8,796	365	108
	1987	61,140	14,119	14,555	276	11,684	1,580	1,856	9,973	0	319	5,105	1,673	1,576
	1977	60,173	12,729	15,285	333	10,545	1,298	1,822	10,225	0	528	4,745	2,663	2,556
	1953	66,599	11,923	18,800	2,670	7,529	99	2,677	13,326	0	0	5,600	3,973	3,241
Pacific West	2002	59,660	17,727	11,096	90	5,633	5,076	284	2,889	736	4,727	9,171	424	1,808
	1997	59,819	18,889	13,553	147	7,214	5,084	288	2,573	738	1,610	8,248	273	1,203
	1987	57,727	19,768	11,236	14	10,438	4,034	873	2,233	1,129	319	6,849	834	814
	1977	59,384	18,666	11,969	126	8,197	4,819	683	2,917	662	0	7,566	3,780	3,782
	1953	63,092	20,646	16,281	2,797	4,441	4,881	888	2,703	1,283	0	4,773	4,398	4,370
Alaska	2002	11,865	0	0	0	3,648	4,247	0	40	0	155	3,663	0	113
	1997	12,395	0	0	0	3,107	4,818	0	0	0	155	4,165	0	150
	1987	15,763	0	0	0	5,661	5,560	0	0	0	181	4,358	4	4
	1977	19,722	0	0	0	2,715	12,063	0	0	0	0	4,857	87	49
	1953	20,342	0	0	0	0	19,438	0	0	0	0	0	904	190
West total:	2002	142,152	35,151	26,350	214	23,691	10,834	1,177	12,483	735	6,719	21,944	494	2,359
	1997	143,232	36,534	29,305	278	24,557	11,411	1,161	12,269	738	3,671	21,210	638	1,460
	1987	134,630	33,887	25,791	290	27,783	11,174	2,729	12,205	1,129	819	16,312	2,511	2,394
	1977	139,279	31,395	27,253	459	21,457	18,180	2,504	13,142	662	528	17,168	6,529	6,387
	1953	150,033	32,570	35,081	5,467	11,970	24,419	3,565	16,030	1,283	0	10,373	9,275	7,800

Table 17—Net volume of timber on timberland in the United States by class of timber, species group, region, subregion, and State, 2002

Region, subregion, and State	All timber			Growing stock			Live cull			Sound dead		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
						Million cubic feet						
North:												
Northeast:												
Connecticut	3,403	518	2,885	3,192	470	2,721	191	42	149	20	6	15
Delaware	738	118	621	695	115	581	38	2	36	5	1	4
Maine	22,307	12,304	10,002	20,891	11,682	9,209	1,067	401	665	349	221	128
Maryland	5,254	816	4,439	5,092	801	4,291	141	7	135	21	8	13
Massachusetts	6,140	2,235	3,904	5,732	2,097	3,635	364	120	243	44	18	26
New Hampshire	9,652	4,028	5,624	9,015	3,799	5,216	521	169	352	116	60	56
New Jersey	2,967	629	2,339	2,819	582	2,238	117	28	89	31	19	12
New York	23,035	5,612	17,424	21,831	5,399	16,432	1,086	170	917	118	43	75
Pennsylvania	25,771	2,389	23,382	24,903	2,329	22,574	748	41	707	120	19	101
Rhode Island	536	118	418	496	112	384	39	5	33	1	1	1
Vermont	9,494	3,066	6,428	8,696	2,841	5,855	661	151	510	137	74	63
West Virginia	21,195	1,280	19,915	20,309	1,250	19,059	834	14	820	52	16	36
Total	130,492	33,113	97,381	123,671	31,477	92,195	5,807	1,150	4,656	1,014	486	530
North Central:												
Illinois	6,771	178	6,592	5,943	169	5,774	758	7	750	70	2	68
Indiana	7,866	303	7,563	6,900	278	6,623	908	19	889	58	6	51
Iowa	2,577	37	2,541	1,669	18	1,651	872	19	854	36	0	36
Michigan	29,540	8,158	21,382	26,661	7,576	19,085	2,642	501	2,141	237	81	156
Minnesota	17,307	4,956	12,352	15,147	4,652	10,495	1,928	246	1,682	232	58	175
Missouri	13,880	937	12,943	8,965	856	8,109	4,846	76	4,770	69	5	64
Ohio	10,568	410	10,158	10,159	401	9,758	354	4	350	55	5	50
Wisconsin	21,304	4,791	16,511	18,513	4,452	14,061	2,266	203	2,062	525	136	388
Total	109,813	19,770	90,042	93,957	18,402	75,556	14,574	1,075	13,498	1,282	293	988
North total:	240,305	52,883	187,423	217,628	49,879	167,751	20,381	2,225	18,154	2,296	779	1,518
South:												
Southeast:												
Florida	17,026	9,533	7,493	15,366	9,424	5,942	1,649	101	1,548	11	8	3
Georgia	33,663	15,319	18,344	31,704	15,224	16,480	1,957	94	1,863	2	1	1
North Carolina	34,752	12,648	22,104	32,742	12,530	20,212	1,939	77	1,862	71	41	30
South Carolina	19,418	9,194	10,224	17,702	8,931	8,771	1,716	263	1,453	0	0	0
Virginia	28,653	6,736	21,917	26,487	6,648	19,838	2,126	75	2,051	40	13	28
Total	133,512	53,430	80,082	124,001	52,757	71,243	9,387	610	8,777	124	63	62
South Central:												
Alabama	31,150	13,279	17,871	27,847	12,683	15,164	3,279	582	2,697	24	14	10
Arkansas	23,988	9,631	14,357	21,686	9,342	12,344	2,098	200	1,898	204	89	115
Kentucky	16,621	1,254	15,369	15,956	1,213	14,743	621	25	597	44	16	29
Louisiana	20,768	10,137	10,631	18,844	9,928	8,916	1,894	194	1,700	30	15	15
Mississippi	22,753	9,425	13,327	20,611	9,208	11,402	2,038	154	1,884	104	63	41
Oklahoma	4,893	1,465	3,428	3,624	1,421	2,203	1,253	39	1,214	16	5	11
Tennessee	26,308	3,963	22,346	22,456	3,586	18,870	3,830	369	3,462	22	8	14
Texas	14,289	8,057	6,232	12,939	7,879	5,060	1,290	130	1,160	60	48	12
Total	160,770	57,211	103,561	143,963	55,260	88,702	16,303	1,693	14,612	504	258	247
South total:	294,282	110,641	183,643	267,964	108,017	159,945	25,690	2,303	23,389	628	321	309

Table 17—(continued).

Region, subregion, and State	All timber			Growing stock			Live cull			Sound dead		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
					Million cubic feet							
Rocky Mountain:												
Great Plains:												
Kansas	1,998	22	1,977	1,254	17	1,238	704	5	699	40	0	40
Nebraska	1,329	261	1,069	856	212	645	449	42	407	24	7	17
North Dakota	504	5	498	330	3	326	147	2	145	27	0	27
South Dakota	2,043	1,763	280	1,819	1,648	171	136	31	105	88	84	4
Total	5,874	2,051	3,824	4,259	1,880	2,380	1,436	80	1,356	179	91	88
Intermountain:												
Arizona	7,243	6,582	660	6,193	5,914	279	608	243	365	442	425	16
Colorado	23,050	18,710	4,341	20,943	16,933	4,011	236	154	82	1,871	1,623	248
Idaho	44,070	43,177	894	40,050	39,276	774	657	589	69	3,363	3,312	51
Montana	38,682	38,094	589	35,167	34,607	561	472	449	23	3,043	3,038	5
Nevada	595	526	69	543	484	59	22	14	8	30	28	2
New Mexico	8,023	7,180	843	7,013	6,385	628	456	262	194	554	533	21
Utah	8,701	6,879	1,823	7,336	5,687	1,649	411	296	116	954	896	58
Wyoming	12,380	11,822	558	10,154	9,673	481	200	140	60	2,026	2,009	17
Total	142,744	132,970	9,777	127,399	118,959	8,442	3,062	2,147	917	12,283	11,864	418
Rocky Mountain total:	148,618	135,021	13,601	131,658	120,839	10,822	4,498	2,227	2,273	12,462	11,955	506
Pacific Coast:												
Alaska:												
Alaska	34,268	31,192	3,076	31,998	29,125	2,873	1,151	977	174	1,119	1,090	29
Total	34,268	31,192	3,076	31,998	29,125	2,873	1,151	977	174	1,119	1,090	29
Pacific Northwest:												
Oregon	87,682	80,569	7,112	83,212	76,694	6,518	934	395	538	3,536	3,480	56
Washington	67,557	60,854	6,702	65,413	58,891	6,522	262	94	167	1,882	1,869	13
Total	155,239	141,423	13,814	148,625	135,585	13,040	1,194	489	705	5,418	5,349	69
Pacific Southwest:												
California	59,521	49,074	10,446	57,902	48,351	9,550	1,441	548	893	178	175	3
Hawaii	333	4	329	280	4	276	41	0	41	12	0	12
Total	59,854	49,078	10,775	58,182	48,355	9,826	1,482	548	934	190	175	15
Pacific Coast total:	249,361	221,693	27,665	238,805	213,065	25,739	3,827	2,014	1,813	6,727	6,614	113
United States:	932,566	520,238	412,332	856,055	491,800	364,257	54,396	8,769	45,629	22,113	19,669	2,446

Note: Data may not add to totals because of rounding.

Table 18—Net volume of softwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2002, 1997, 1987, 1977, and 1953

Region, subregion, and State	All owners					National forest					Other public[a]				
	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953
								Million cubic feet							
North:															
Northeast:															
Connecticut	470	442	414	425	158	0	0	0	0	0	67	42	69	50	16
Delaware	115	169	173	168	236	0	0	0	0	0	4	7	8	9	5
Maine	11,682	11,682	14,510	16,060	10,093	48	48	24	22	15	508	508	527	265	112
Maryland	801	816	805	793	717	0	0	0	0	0	113	79	78	82	28
Massachusetts	2,097	1,608	1,689	1,439	631	0	0	0	0	0	420	223	270	263	78
New Hampshire	3,799	3,819	3,408	3,526	2,208	384	332	360	276	253	343	357	227	59	62
New Jersey	582	523	563	252	250	0	0	0	0	0	253	221	256	58	26
New York	5,399	5,400	4,935	3,524	2,748	5	6	1	0	0	733	734	648	442	344
Pennsylvania	2,329	2,329	1,983	1,778	1,229	63	63	68	60	38	390	390	230	213	147
Rhode Island	112	44	59	108	15	0	0	0	0	0	53	12	26	4	1
Vermont	2,841	2,863	2,010	1,826	1,251	71	66	45	39	35	154	152	130	92	38
West Virginia	1,250	1,250	1,060	1,092	492	267	267	180	239	118	73	73	27	18	28
Total	31,477	30,945	31,609	30,991	20,028	838	782	678	636	459	3,111	2,797	2,496	1,555	885
North Central:															
Illinois	169	117	118	81	17	50	47	47	35	5	30	25	25	15	0
Indiana	278	278	201	88	27	29	29	22	14	3	34	34	17	20	14
Iowa	18	18	7	6	4	0	0	0	0	0	0	0	0	0	0
Michigan	7,576	7,600	6,558	5,201	2,370	1,480	1,504	1,337	954	271	2,031	2,031	1,745	1,307	534
Minnesota	4,652	4,703	4,086	3,477	2,698	979	1,030	919	871	780	2,072	2,072	1,875	1,565	1,115
Missouri	856	863	601	392	264	304	311	273	177	134	68	68	22	12	5
Ohio	401	401	326	274	96	29	29	20	16	7	46	46	26	25	9
Wisconsin	4,452	4,450	4,112	3,340	1,549	628	627	652	475	136	994	994	1,130	784	485
Total	18,402	18,431	16,009	12,859	7,025	3,499	3,578	3,270	2,542	1,336	5,275	5,272	4,840	3,728	2,162
North total:	49,879	49,376	47,618	43,850	27,053	4,337	4,360	3,948	3,178	1,795	8,386	8,070	7,336	5,283	3,047
South:															
Southeast:															
Florida	9,424	9,424	9,305	8,750	5,384	995	995	873	912	549	1,542	1,542	1,155	752	312
Georgia	15,224	15,224	15,870	16,096	10,751	506	506	377	468	366	1,202	1,202	969	856	656
North Carolina	12,530	12,530	12,286	11,526	9,097	546	546	523	496	337	745	745	579	404	273
South Carolina	8,931	8,034	8,835	8,708	4,800	562	582	744	758	582	729	604	585	462	112
Virginia	6,648	6,648	6,323	5,928	5,516	362	362	331	312	240	359	359	351	296	231
Total	52,757	51,861	52,619	51,008	35,548	2,971	2,991	2,848	2,946	2,074	4,577	4,452	3,639	2,770	1,584
South Central:															
Alabama	12,683	11,101	11,328	11,469	5,875	631	562	659	561	278	451	270	229	216	98
Arkansas	9,342	9,342	8,586	7,973	4,640	1,895	1,895	1,677	1,520	886	284	284	224	155	41
Kentucky	1,213	1,213	1,110	916	493	158	158	164	153	139	35	35	4	4	63
Louisiana	9,928	9,928	10,552	9,342	4,253	732	732	775	724	268	351	351	277	206	83
Mississippi	9,208	9,208	9,746	8,930	3,674	1,374	1,374	1,474	1,253	579	508	508	268	376	342
Oklahoma	1,421	1,421	998	1,011	541	228	228	169	127	73	73	73	58	50	2
Tennessee	3,586	2,893	2,710	2,203	1,227	337	303	346	274	220	349	302	241	189	102
Texas	7,879	7,879	7,964	8,356	4,211	1,143	1,143	1,202	1,058	680	128	128	157	144	49
Total	55,260	52,985	52,994	50,200	24,914	6,498	6,396	6,466	5,670	3,123	2,179	1,951	1,458	1,340	780
South total:	108,017	104,846	105,613	101,208	60,462	9,469	9,387	9,314	8,616	5,197	6,756	6,403	5,097	4,110	2,364

Table 18—(continued).

Region, subregion, and State	All owners					National forest					Other public[a]				
	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953
								Million cubic feet							
Rocky Mountain:															
Great Plains:															
Kansas	17	17	6	1	0	0	0	0	0	0	1	1	0	0	0
Nebraska	212	212	177	148	73	54	54	31	28	19	22	22	17	13	4
North Dakota	3	3	3	0	0	1	1	0	0	0	0	0	0	0	0
South Dakota	1,648	1,331	1,726	1,650	1,236	1,391	1,090	1,270	1,345	1,046	49	47	118	100	51
Total	1,880	1,563	1,912	1,799	1,309	1,446	1,145	1,301	1,373	1,065	72	70	135	113	55
Intermountain:															
Arizona	5,914	5,609	5,980	4,763	4,600	4,062	3,931	4,176	3,208	2,888	63	47	1,753	1,449	1,596
Colorado	16,933	16,163	16,226	12,624	10,926	12,561	11,792	11,811	9,486	8,205	1,362	1,362	1,365	713	618
Idaho	39,276	38,472	32,088	31,662	28,677	30,384	29,580	23,440	21,589	18,894	3,353	3,353	3,480	3,267	2,992
Montana	34,607	34,254	27,611	27,691	27,367	25,501	25,148	18,595	18,090	17,444	2,318	2,318	2,458	2,543	2,335
Nevada	484	306	390	250	235	305	127	206	86	79	56	56	12	9	9
New Mexico	6,385	5,029	5,628	5,797	5,514	4,337	3,126	3,730	2,872	2,578	181	124	676	1,347	1,352
Utah	5,687	5,708	3,913	3,562	3,657	4,554	4,575	3,031	2,808	2,785	374	374	345	412	476
Wyoming	9,673	7,578	6,550	6,963	5,261	7,665	5,570	4,542	5,569	4,075	724	724	870	576	490
Total	118,959	113,119	98,386	93,312	86,237	89,369	83,849	69,531	63,708	56,948	8,431	8,357	10,959	10,316	9,868
Rocky Mountain total:	120,839	114,682	100,298	95,111	87,546	90,815	84,993	70,832	65,081	58,013	8,503	8,427	11,094	10,429	9,923
Pacific Coast:															
Alaska:															
Alaska	29,125	29,810	37,051	48,277	49,149	19,757	18,733	24,068	35,414	38,850	5,190	5,090	5,880	12,200	10,081
Total	29,125	29,810	37,051	48,277	49,149	19,757	18,733	24,068	35,414	38,850	5,190	5,090	5,880	12,200	10,081
Pacific Northwest:															
Oregon	76,694	76,770	70,554	74,735	87,580	47,918	47,993	42,102	44,904	45,488	12,057	12,058	12,805	12,709	15,272
Washington	58,891	59,199	60,130	57,800	61,994	27,022	27,321	23,497	22,833	25,504	9,724	9,723	13,798	13,200	12,605
Total	135,585	135,969	130,684	132,535	149,574	74,940	75,314	65,599	67,737	70,992	21,781	21,781	26,603	25,909	27,877
Pacific Southwest:															
California	48,351	49,167	46,307	45,975	58,006	28,723	29,539	27,213	28,073	29,590	1,320	1,320	1,245	1,108	1,892
Hawaii	4	4	4	4	4	0	0	0	0	0	3	3	3	3	3
Total	48,355	49,172	46,311	45,979	58,010	28,723	29,539	27,213	28,073	29,590	1,323	1,323	1,248	1,111	1,895
Pacific Coast total:	213,065	214,950	214,046	226,791	256,733	123,420	123,586	116,880	131,224	139,432	28,294	28,194	33,731	39,220	39,853
United States:	491,800	483,855	467,575	466,960	431,794	228,041	222,326	200,974	208,099	204,437	51,939	51,093	57,258	59,042	55,187

Table 18—(continued).

Region, subregion, and State	Forest Industry					Nonindustrial private[a]				
	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953
						Million cubic feet				
North:										
Northeast:										
Connecticut	0	0	0	0	0	403	399	345	375	142
Delaware	24	18	18	28	14	87	144	147	131	217
Maine	4,771	4,771	7,849	9,120	4,194	6,356	6,356	6,110	6,653	5,772
Maryland	59	80	79	91	64	629	657	648	620	625
Massachusetts	10	86	64	24	52	1,668	1,299	1,355	1,152	501
New Hampshire	253	269	433	800	371	2,818	2,862	2,388	2,391	1,522
New Jersey	0	0	0	0	1	329	302	307	194	223
New York	355	355	403	382	298	4,307	4,304	3,883	2,700	2,106
Pennsylvania	82	82	91	71	49	1,794	1,794	1,594	1,434	995
Rhode Island	0	0	0	0	0	59	32	33	104	14
Vermont	99	73	128	212	184	2,517	2,572	1,707	1,483	994
West Virginia	69	69	126	96	19	842	842	727	739	327
Total	5,722	5,803	9,191	10,824	5,246	21,809	21,563	19,244	17,976	13,438
North Central:										
Illinois	0	0	0	1	1	89	46	46	30	11
Indiana	0	0	0	1	0	214	214	162	53	10
Iowa	0	0	0	0	0	18	18	7	6	4
Michigan	764	764	885	808	563	3,301	3,301	2,591	2,132	1,002
Minnesota	302	302	336	265	232	1,298	1,298	956	776	571
Missouri	36	36	21	21	7	448	448	285	182	118
Ohio	24	24	2	4	4	301	301	278	229	76
Wisconsin	300	300	409	590	110	2,529	2,529	1,921	1,491	818
Total	1,426	1,426	1,653	1,690	917	8,198	8,155	6,246	4,899	2,610
North total:	7,148	7,229	10,844	12,514	6,163	30,007	29,718	25,490	22,875	16,048
South:										
Southeast:										
Florida	2,311	2,311	2,687	2,789	1,689	4,576	4,576	4,590	4,297	2,834
Georgia	3,227	3,227	3,443	2,836	2,031	10,289	10,289	11,081	11,936	7,698
North Carolina	1,884	1,884	1,646	1,157	1,546	9,356	9,356	9,538	9,469	6,941
South Carolina	1,737	1,672	1,774	1,417	700	5,903	5,175	5,732	6,071	3,406
Virginia	1,136	1,136	1,167	943	837	4,791	4,791	4,474	4,377	4,208
Total	10,295	10,231	10,717	9,142	6,803	34,915	34,187	35,415	36,150	25,087
South Central:										
Alabama	2,355	2,999	2,802	2,883	1,634	9,247	7,271	7,638	7,809	3,865
Arkansas	3,472	3,472	3,191	3,120	2,372	3,691	3,691	3,494	3,178	1,341
Kentucky	12	12	6	6	10	1,008	1,008	936	753	281
Louisiana	2,855	2,855	2,779	2,725	1,952	5,990	5,990	6,721	5,687	1,950
Mississippi	1,892	1,892	1,822	1,726	1,454	5,436	5,436	6,182	5,575	1,299
Oklahoma	574	574	350	517	359	546	546	421	317	107
Tennessee	558	302	289	232	74	2,342	1,985	1,834	1,508	831
Texas	2,126	2,126	2,276	3,221	1,883	4,481	4,481	4,329	3,933	1,599
Total	13,844	14,231	13,515	14,430	9,738	32,741	30,408	31,555	28,760	11,273
South total:	24,139	24,462	24,232	23,572	16,541	67,656	64,594	66,970	64,910	36,360

Table 18—(continued).

Region, subregion, and State	Forest Industry					Nonindustrial private[a]				
	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953
					Million cubic feet					
Rocky Mountain:										
Great Plains:										
Kansas	0	0	0	0	0	16	16	6	1	0
Nebraska	0	0	0	0	0	135	135	129	107	50
North Dakota	0	0	0	0	0	2	2	3	0	0
South Dakota	0	0	12	19	8	208	194	326	186	131
Total	0	0	12	19	8	361	348	464	294	181
Intermountain:										
Arizona	0	0	0	0	0	1,790	1,631	51	106	116
Colorado	0	0	0	21	19	3,010	3,010	3,050	2,404	2,084
Idaho	2,593	2,593	2,312	2,913	3,438	2,947	2,947	2,856	3,893	3,353
Montana	2,157	2,157	2,963	2,097	3,104	4,632	4,632	3,595	4,961	4,484
Nevada	23	23	0	16	15	100	100	172	139	132
New Mexico	0	0	3	0	113	1,866	1,779	1,219	1,578	1,471
Utah	0	0	0	0	0	759	759	537	342	396
Wyoming	0	0	53	61	52	1,284	1,284	1,085	757	644
Total	4,773	4,773	5,331	5,108	6,741	16,388	16,141	12,565	14,180	12,680
Rocky Mountain total:	4,773	4,773	5,343	5,127	6,749	16,749	16,489	13,029	14,474	12,861
Pacific Coast:										
Alaska:										
Alaska	0	0	0	0	0	4,177	5,987	7,103	663	218
Total	0	0	0	0	0	4,177	5,987	7,103	663	218
Pacific Northwest:										
Oregon	9,673	9,673	10,011	12,110	19,060	7,046	7,046	5,636	5,012	7,760
Washington	11,532	11,532	14,404	13,717	17,640	10,613	10,611	8,431	8,050	6,245
Total	21,205	21,205	24,415	25,827	36,700	17,659	17,657	14,067	13,062	14,005
Pacific Southwest:										
California	8,592	8,592	7,918	7,457	11,268	9,716	9,716	9,931	9,337	15,256
Hawaii	0	0	0	0	0	1	1	1	1	1
Total	8,592	8,592	7,918	7,457	11,268	9,717	9,717	9,932	9,338	15,257
Pacific Coast total:	29,797	29,797	32,333	33,284	47,968	31,553	33,361	31,102	23,063	29,480
United States:	65,857	66,262	72,752	74,497	77,421	145,965	144,162	136,591	125,322	94,749

[a] Native American lands have been exclusively in the nonindustrial private owner group since 1997. For 1987 and earlier years, these lands may be included in the other public owner group.

Note: Data may not add to totals because of rounding.

Table 19—Net volume of growing stock on timberland in the Eastern United States by species, region, and subregion, 2002, 1997, 1987, 1977, and 1963

		Softwoods									
Region and subregion (year)	Total all species	Total soft-woods	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other soft-woods
					Million cubic feet						
North:											
Northeast											
2002	123,667	31,476	0	658	1,653	9,823	14	9,178	7,164	6	2,980
1997	121,179	30,945	0	652	1,717	9,460	14	9,184	6,949	3	2,965
1987	112,133	31,609	0	658	1,573	7,977	0	12,977	5,878	0	2,547
1977	98,311	30,991	0	656	1,368	7,123	0	14,895	5,006	0	1,943
1963	76,869	24,034	0	701	1,119	4,958	46	11,042	4,113	0	2,056
North Central											
2002	93,957	18,402	0	734	374	5,608	1,547	4,557	1,079	21	4,481
1997	93,072	18,431	0	737	373	5,597	1,550	4,579	1,082	22	4,491
1987	77,905	16,009	0	561	158	4,396	1,646	4,711	876	31	3,630
1977	64,697	12,859	0	402	214	2,411	1,851	4,038	1,260	31	2,652
1963	51,419	9,627	0	307	110	1,794	1,520	2,954	1,040	15	1,888
North total:											
2002	217,625	49,878	0	1,393	2,027	15,431	1,561	13,735	8,244	27	7,461
1997	214,251	49,376	0	1,390	2,090	15,058	1,564	13,763	8,031	25	7,456
1987	190,038	47,618	0	1,219	1,731	12,373	1,646	17,688	6,753	31	6,178
1977	163,008	43,850	0	1,058	1,582	9,534	1,851	18,934	6,265	31	4,596
1963	128,288	33,661	0	1,008	1,229	6,752	1,566	13,995	5,153	15	3,944
South:											
Southeast											
2002	124,001	52,758	10,888	28,242	6,799	1,725	0	24	402	4,205	473
1997	122,985	51,861	11,044	27,248	6,855	1,733	0	24	413	4,066	478
1987	120,773	52,619	12,598	26,441	6,989	1,457	0	24	396	4,306	408
1977	111,699	51,008	12,284	25,910	6,897	1,068	0	25	324	4,101	400
1963	87,172	40,174	9,477	21,877	4,121	480	0	33	242	3,677	267
South Central											
2002	143,964	55,260	4,799	43,639	2,646	411	0	0	285	2,421	1,061
1997	133,377	52,985	4,886	41,517	2,774	281	0	0	213	2,317	997
1987	123,868	52,994	5,039	42,006	2,670	207	0	1	115	2,225	732
1977	111,674	50,200	5,114	40,108	2,375	185	0	0	67	1,829	522
1963	86,900	34,913	3,806	27,874	1,341	146	0	0	182	1,332	231
South total:											
2002	267,965	108,018	15,687	71,881	9,445	2,136	0	24	686	6,626	1,533
1997	256,361	104,846	15,931	68,765	9,629	2,014	0	24	626	6,382	1,475
1987	244,641	105,613	17,638	68,447	9,659	1,663	0	25	511	6,530	1,140
1977	223,373	101,208	17,398	66,018	9,272	1,253	0	25	391	5,929	922
1963	174,072	75,087	13,284	49,751	5,462	626	0	33	424	5,009	498
East total:											
2002	485,590	157,896	15,687	73,274	11,472	17,567	1,561	13,759	8,930	6,653	8,994
1997	470,612	154,222	15,931	70,154	11,719	17,072	1,564	13,787	8,657	6,408	8,931
1987	434,679	153,231	17,638	69,666	11,390	14,037	1,646	17,713	7,264	6,561	7,317
1977	386,381	145,058	17,398	67,076	10,854	10,787	1,851	18,958	6,657	5,960	5,518
1963	302,360	108,748	13,284	50,759	6,691	7,378	1,566	14,028	5,577	5,023	4,442

Table 19—(continued).

	Hardwoods									
Region and subregion (year)	Total hard-woods	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
	Million cubic feet									
North:										
Northeast										
2002	92,191	4,521	8,605	4,227	5,124	2,927	3,129	11,659	17,265	5,542
1997	90,234	4,437	8,625	4,271	4,932	2,846	3,062	11,533	16,741	5,466
1987	80,524	4,384	8,137	4,928	5,405	2,791	2,987	10,104	13,544	4,685
1977	67,320	4,721	7,616	4,589	4,890	2,563	2,452	7,755	10,645	3,807
1963	52,835	3,402	6,536	3,709	2,550	1,810	3,791	5,883	6,515	3,973
North Central										
2002	75,555	7,643	6,038	1,476	5,832	3,694	783	8,388	7,832	1,125
1997	74,640	7,550	5,983	1,474	5,682	3,572	786	8,369	7,662	1,122
1987	61,896	6,001	4,774	1,528	5,077	2,912	674	6,335	5,542	854
1977	51,838	5,277	4,006	1,365	4,579	2,605	807	4,814	3,302	896
1963	41,792	3,730	3,373	405	2,340	1,449	872	4,025	2,572	835
North total:										
2002	167,746	12,165	14,643	5,703	10,956	6,621	3,912	20,047	25,097	6,667
1997	164,874	11,987	14,608	5,745	10,615	6,417	3,848	19,902	24,403	6,588
1987	142,420	10,385	12,911	6,456	10,482	5,703	3,661	16,439	19,086	5,538
1977	119,158	9,121	12,186	5,788	7,991	4,401	3,719	12,972	14,985	5,278
1963	94,627	6,093	11,705	6,642	4,567	3,241	6,790	10,536	11,668	7,115
South:										
Southeast										
2002	71,244	7,177	3,157	5,919	12,367	3,642	83	464	5,565	1,016
1997	71,124	7,167	3,126	6,008	12,307	3,593	83	467	5,712	1,000
1987	68,154	6,639	3,074	5,563	11,826	3,641	62	402	5,221	942
1977	60,691	6,152	2,650	5,009	10,841	3,680	61	299	3,845	805
1963	46,998	4,753	1,966	3,886	7,837	3,314	39	158	2,555	561
South Central										
2002	88,703	10,102	5,000	8,010	17,194	8,257	14	1,595	2,699	1,579
1997	80,392	9,194	4,620	7,186	15,900	7,625	5	1,411	2,283	1,458
1987	70,874	7,974	3,969	6,722	15,062	7,254	6	933	1,719	1,193
1977	61,474	6,623	3,071	6,362	12,584	6,816	0	758	1,319	1,054
1963	51,987	5,262	2,053	5,607	9,652	5,799	11	428	898	1,116
South total:										
2002	159,947	17,279	8,157	13,930	29,561	11,899	97	2,059	8,264	2,594
1997	151,516	16,361	7,746	13,194	28,207	11,218	87	1,878	7,996	2,458
1987	139,028	14,613	7,043	12,285	26,889	10,895	68	1,335	6,940	2,135
1977	122,165	12,769	5,715	11,353	23,402	10,451	62	1,051	5,201	1,856
1963	98,985	10,015	4,021	9,467	17,469	9,069	51	580	3,492	1,667
East total:										
2002	327,693	29,444	22,800	19,632	40,517	18,520	4,008	22,107	33,362	9,262
1997	316,390	28,348	22,354	18,939	38,821	17,635	3,936	21,780	32,399	9,047
1987	281,448	24,998	19,955	18,741	37,370	16,598	3,730	17,774	26,026	7,673
1977	241,323	22,230	17,227	17,679	32,904	15,442	3,409	12,806	19,176	6,781
1963	193,612	17,154	13,364	16,832	25,683	13,941	4,815	8,117	12,657	7,123

Table 19—(continued).

	Hardwoods								
Region and subregion (year)	Sweet-gum	Tupelo and black gum	Ash	Bass-wood	Yellow poplar	Cotton-wood and aspen	Black walnut	Black cherry[a]	Other hard-woods
	Million cubic feet								
North:									
Northeast									
2002	670	595	4,762	1,489	5,039	3,651	282	4,795	7,908
1997	556	588	4,748	1,476	4,740	3,611	295	4,683	7,623
1987	486	491	3,656	1,162	2,925	3,219	211	3,738	7,671
1977	418	409	2,656	1,073	2,630	2,145	192	3,000	5,760
1963	460	333	1,898	1,221	1,968	1,719	154	0	6,915
North Central									
2002	178	194	4,842	3,104	1,716	12,095	843	1,657	8,114
1997	148	199	4,798	3,098	1,686	12,061	804	1,639	8,007
1987	122	79	3,657	2,476	1,073	10,521	612	1,144	8,516
1977	153	89	2,818	1,861	641	9,669	459	530	7,967
1963	168	63	2,127	1,505	441	8,807	340	0	8,740
North total:									
2002	848	789	9,604	4,593	6,755	15,746	1,125	6,453	16,023
1997	704	787	9,546	4,574	6,426	15,672	1,099	6,322	15,631
1987	608	570	7,313	3,639	3,998	13,740	823	4,881	16,187
1977	653	541	5,158	2,700	3,516	10,938	551	3,530	15,129
1963	824	596	3,400	2,187	3,524	3,079	275	0	12,385
South:									
Southeast									
2002	7,760	7,155	1,728	330	9,531	86	194	320	4,749
1997	7,573	7,248	1,752	334	9,538	92	197	311	4,618
1987	7,487	7,854	1,735	314	8,392	107	181	222	4,491
1977	6,850	7,462	1,492	259	6,732	117	138	155	4,143
1963	5,582	7,106	1,348	247	3,845	53	160	0	3,588
South Central									
2002	9,780	4,362	3,024	322	6,462	641	414	544	8,706
1997	9,058	4,106	2,689	275	5,283	621	362	452	7,862
1987	8,244	3,962	2,219	257	3,845	580	281	0	6,653
1977	6,826	3,921	1,967	246	2,847	504	271	195	6,110
1963	6,059	4,057	1,757	277	1,823	469	296	0	6,423
South total:									
2002	17,540	11,516	4,752	652	15,993	727	608	864	13,455
1997	16,631	11,354	4,441	609	14,821	713	559	763	12,480
1987	15,732	11,816	3,954	571	12,237	687	462	222	11,144
1977	13,678	11,436	3,452	506	9,637	616	407	349	10,225
1963	11,644	11,240	3,100	524	5,718	514	453	0	9,960
East total:									
2002	18,388	12,305	14,356	5,245	22,748	16,472	1,733	7,317	29,478
1997	17,336	12,141	13,987	5,183	21,247	16,384	1,658	7,085	28,111
1987	16,339	12,387	11,267	4,210	16,235	14,427	1,286	5,103	27,331
1977	15,623	13,058	8,428	2,981	13,752	10,501	942	3,555	24,829
1963	15,565	14,886	6,369	2,204	9,826	2,815	775	0	21,485

[a] Separate black cherry data not available for 1963, included in other hardwoods category.

Note: Data may not add to totals because of rounding.

Table 20—Net volume of growing stock on timberland in the Western United States by species, subregion, and State, 2002

Subregion and State	All species	Softwoods									
		Total soft-woods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
	Million cubic feet									
Great Plains:										
Kansas	1,254	17	0	0	0	0	0	0	0	0
Nebraska	856	212	0	0	0	0	0	0	0	0
North Dakota	330	3	0	0	0	0	0	0	0	0
South Dakota	1,819	1,648	0	1,278	0	0	0	0	0	0
Total	4,259	1,880	0	1,278	0	0	0	0	0	0
Intermountain:										
Arizona	6,193	5,914	612	4,580	321	0	0	0	0	0
Colorado	20,943	16,933	2,173	2,113	2,642	0	0	0	0	0
Idaho	40,050	39,276	12,427	2,603	9,374	896	0	447	0	0
Montana	35,167	34,607	10,706	2,843	3,540	195	0	108	0	0
Nevada	543	484	28	141	182	0	0	8	0	0
New Mexico	7,013	6,385	1,538	2,934	971	0	0	0	0	0
Utah	7,336	5,687	1,429	453	1,481	0	0	0	0	0
Wyoming	10,153	9,673	1,424	1,159	1,369	0	0	0	0	0
Total	127,399	118,957	30,336	16,827	19,879	1,091	0	562	0	0
Alaska:										
Alaska	31,998	29,124	0	0	6	11,224	0	0	0	8,641
Total	31,998	29,124	0	0	6	11,224	0	0	0	8,641
Pacific Northwest:										
Oregon	83,222	76,701	44,050	8,154	8,856	6,384	681	244	32	274
Washington	65,412	58,890	25,405	3,409	7,405	13,388	0	129	0	54
Total	148,635	135,591	69,454	11,563	16,261	19,772	681	372	32	328
Pacific Southwest:										
California	57,902	48,351	14,491	8,962	12,687	31	2,691	293	4,599	0
Hawaii	280	4	0	0	0	0	0	0	0	0
Total	58,182	48,355	14,491	8,962	12,687	31	2,691	293	4,599	0
West total:	370,472	333,907	114,281	38,630	48,832	32,118	3,373	1,227	4,631	8,969

Table 20—(continued).

	Softwoods - continued						Hardwoods				
Subregion and State	Englemann and other spruces	Western larch	Incense-cedar	Lodgepole pine	Western red-cedar[a]	Other soft-woods	Total hard-woods	Cottonwood and aspen	Red alder	Oak	Other hard-woods
						Million cubic feet					
Great Plains:											
Kansas	0	0	0	0	0	17	1,238	0	0	0	1,238
Nebraska	0	0	0	0	0	212	645	0	0	0	645
North Dakota	0	0	0	0	0	3	327	0	0	0	327
South Dakota	92	0	0	0	0	278	171	14	0	1	155
Total	92	0	0	0	0	510	2,380	14	0	1	2,364
Intermountain:											
Arizona	313	0	0	0	0	88	279	279	0	0	0
Colorado	5,995	0	0	3,891	0	119	4,011	4,011	0	0	0
Idaho	2,559	1,490	0	5,780	2,365	1,335	774	600	0	0	174
Montana	3,494	2,258	0	9,786	336	1,341	561	486	0	0	75
Nevada	42	0	4	57	0	21	59	59	0	0	0
New Mexico	713	0	0	0	0	229	628	628	0	0	0
Utah	1,527	0	0	706	0	91	1,649	1,649	0	0	0
Wyoming	1,981	0	0	3,003	0	737	481	477	0	1	2
Total	16,623	3,748	4	23,224	2,701	3,961	8,442	8,190	0	1	251
Alaska:											
Alaska	4,287	3	0	81	1,213	3,671	2,873	843	73	0	1,957
Total	4,287	3	0	81	1,213	3,671	2,873	843	73	0	1,957
Pacific Northwest:											
Oregon	1,252	785	723	2,227	1,502	1,537	6,521	94	3,182	451	2,794
Washington	1,565	1,451	0	1,774	3,531	780	6,523	645	4,353	28	1,496
Total	2,817	2,236	723	4,001	5,034	2,317	13,044	739	7,536	479	4,289
Pacific Southwest:											
California	37	0	2,884	1,195	1	481	9,550	71	230	4,932	4,318
Hawaii	0	0	0	0	0	4	276	0	0	0	276
Total	37	0	2,884	1,195	1	485	9,826	71	230	4,932	4,594
West total:	23,856	5,987	3,611	28,501	8,949	10,943	36,565	9,857	7,839	5,414	13,456

[a] Western redcedar volume may be included in other western softwood volume. Western redcedar volume in Oregon for national forest lands includes some incense-cedar.

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 21—Net volume of softwood growing stock on timberland in the Eastern United States by species, subregion, and State, 2002

Subregion and State	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other softwoods
					Million cubic feet					
Northeast:										
Connecticut	470	0	0	3	220	0	4	225	0	18
Delaware	115	0	102	12	0	0	0	0	0	0
Maine	11,682	0	0	25	2,132	2	6,131	1,286	0	2,105
Maryland	801	0	527	161	74	0	0	12	6	21
Massachusetts	2,097	0	0	62	1,360	0	63	598	0	14
New Hampshire	3,799	0	0	34	1,895	0	1,017	833	0	22
New Jersey	582	0	11	403	12	0	0	12	0	143
New York	5,399	0	0	128	2,262	11	673	1,865	0	460
Pennsylvania	2,329	0	1	282	763	1	21	1,199	0	62
Rhode Island	112	0	0	8	91	0	1	1	0	11
Vermont	2,841	0	0	1	777	0	1,109	836	0	119
West Virginia	1,250	0	17	535	238	0	159	297	0	4
Total	31,476	0	658	1,653	9,823	14	9,178	7,164	6	2,980
North Central:										
Illinois	169	0	68	4	68	2	1	0	8	17
Indiana	278	0	39	95	85	5	0	0	4	50
Iowa	18	0	0	0	0	0	0	0	0	18
Michigan	7,576	0	0	87	2,498	604	1,682	662	0	2,044
Minnesota	4,652	0	0	3	849	554	2,008	0	0	1,238
Missouri	856	0	618	2	14	0	0	0	9	212
Ohio	401	0	8	175	178	0	1	16	0	22
Wisconsin	4,452	0	0	7	1,917	382	865	402	0	880
Total	18,402	0	734	374	5,608	1,547	4,557	1,079	21	4,481
Southeast:										
Florida	9,424	5,362	933	680	0	0	0	0	2,329	121
Georgia	15,224	4,210	8,997	856	305	0	0	16	800	40
North Carolina	12,530	601	7,831	2,572	717	0	20	217	436	136
South Carolina	8,931	715	7,011	486	41	0	0	4	590	84
Virginia	6,648	0	3,471	2,204	663	0	4	165	50	92
Total	52,758	10,888	28,242	6,799	1,725	0	24	402	4,205	473
South Central:										
Alabama	12,683	1,865	9,769	706	2	0	0	9	221	111
Arkansas	9,342	0	8,865	0	0	0	0	0	247	229
Kentucky	1,213	0	271	603	23	0	0	65	3	248
Louisiana	9,928	1,227	7,107	92	0	0	0	0	1,497	5
Mississippi	9,208	1,367	7,385	159	0	0	0	0	215	82
Oklahoma	1,421	0	1,369	0	0	0	0	0	3	48
Tennessee	3,586	0	1,493	1,085	386	0	0	211	124	287
Texas	7,879	339	7,380	0	0	0	0	0	109	50
Total	55,260	4,799	43,639	2,646	411	0	0	285	2,421	1,061
East total:	157,896	15,687	73,274	11,472	17,567	1,561	13,759	8,930	6,653	8,994

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 22—Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and State, 2002

Subregion and State	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
					Million cubic feet					
Northeast:										
Connecticut	2,721	179	509	43	350	155	51	120	697	62
Delaware	580	78	7	4	108	3	0	0	164	11
Maine	9,209	17	499	0	20	1	940	1,584	2,328	929
Maryland	4,290	487	188	194	571	159	7	77	641	103
Massachusetts	3,635	137	623	12	369	48	125	239	1,062	165
New Hampshire	5,216	72	761	3	92	30	468	763	1,308	467
New Jersey	2,236	186	199	144	300	74	7	60	368	43
New York	16,432	270	1,250	268	210	444	580	3,534	3,555	1,280
Pennsylvania	22,574	1,279	2,515	1,635	1,195	612	244	2,193	4,475	1,122
Rhode Island	385	36	72	5	112	6	6	2	97	7
Vermont	5,855	23	289	16	3	45	503	1,993	1,045	482
West Virginia	19,059	1,756	1,692	1,903	1,794	1,351	197	1,095	1,525	871
Total	92,191	4,521	8,605	4,227	5,124	2,927	3,129	11,659	17,265	5,542
North Central:										
Illinois	5,774	985	375	138	908	647	0	207	520	15
Indiana	6,623	784	389	141	622	709	0	665	347	162
Iowa	1,651	336	189	2	90	139	0	47	163	0
Michigan	19,085	820	1,606	1	399	158	498	4,044	3,456	478
Minnesota	10,495	648	819	0	37	26	22	404	345	0
Missouri	8,109	2,210	373	880	2,447	883	0	67	123	1
Ohio	9,758	933	557	314	670	912	2	799	971	422
Wisconsin	14,061	927	1,731	0	660	219	261	2,155	1,907	48
Total	75,555	7,643	6,038	1,476	5,832	3,694	783	8,388	7,832	1,125
Southeast:										
Florida	5,942	30	2	443	1,374	122	0	13	445	7
Georgia	16,480	1,458	384	1,164	3,966	853	0	21	937	75
North Carolina	20,212	2,065	1,032	1,499	2,541	961	68	173	2,159	355
South Carolina	8,771	743	257	244	1,795	445	0	5	486	54
Virginia	19,838	2,880	1,484	2,570	2,692	1,262	15	251	1,538	523
Total	71,244	7,177	3,157	5,919	12,367	3,642	83	464	5,565	1,016
South Central:										
Alabama	15,164	1,368	605	1,017	3,458	1,279	0	64	348	151
Arkansas	12,344	2,154	1,106	1,281	2,628	1,253	0	63	135	65
Kentucky	14,743	1,982	777	1,288	1,919	1,771	2	814	753	665
Louisiana	8,916	411	365	450	1,990	563	0	7	244	149
Mississippi	11,402	975	749	559	2,716	786	0	13	195	130
Oklahoma	2,203	158	170	509	382	288	0	3	29	0
Tennessee	18,870	2,742	989	2,252	2,602	2,098	12	627	938	383
Texas	5,060	311	238	655	1,499	219	0	5	57	37
Total	88,703	10,102	5,000	8,010	17,194	8,257	14	1,595	2,699	1,579
East total:	327,693	29,444	22,800	19,632	40,517	18,520	4,008	22,107	33,362	9,262

Table 22—(continued).

Subregion and State	Sweetgum	Tupelo and black gum	Ash	Bass-wood	Yellow-poplar	Cotton-wood and aspen	Black walnut	Black cherry	Other hard-woods
				Million cubic feet					
Northeast:									
Connecticut	0	8	136	3	41	23	0	54	290
Delaware	88	30	8	0	46	2	1	7	22
Maine	0	0	402	34	0	1,225	0	34	1,195
Maryland	441	125	101	27	750	13	15	132	258
Massachusetts	0	11	210	9	7	97	0	194	328
New Hampshire	0	0	291	19	0	254	0	59	628
New Jersey	126	64	183	7	232	15	10	28	190
New York	0	10	1,416	468	61	1,047	27	1,075	936
Pennsylvania	8	151	1,138	320	816	665	100	2,391	1,715
Rhode Island	0	8	11	0	4	4	0	2	12
Vermont	0	0	402	41	0	260	0	118	633
West Virginia	7	189	464	562	3,082	45	129	701	1,699
Total	670	595	4,762	1,489	5,039	3,651	282	4,795	7,908
North Central:									
Illinois	75	22	312	71	82	234	158	107	919
Indiana	85	52	494	70	747	219	174	152	811
Iowa	0	0	56	106	0	170	64	19	270
Michigan	0	6	1,153	904	39	3,687	54	496	1,287
Minnesota	0	0	889	693	0	4,749	14	16	1,832
Missouri	8	46	146	14	4	155	147	19	586
Ohio	11	68	803	153	845	298	182	648	1,171
Wisconsin	0	0	989	1,093	0	2,582	48	200	1,239
Total	178	194	4,842	3,104	1,716	12,095	843	1,657	8,114
Southeast:									
Florida	563	1,484	339	13	83	0	0	21	1,002
Georgia	2,408	1,932	313	14	1,981	7	21	98	847
North Carolina	2,051	1,937	488	130	3,271	28	49	85	1,320
South Carolina	1,814	1,342	247	0	723	48	9	36	523
Virginia	924	459	341	172	3,472	2	115	80	1,058
Total	7,760	7,155	1,728	330	9,531	86	194	320	4,749
South Central:									
Alabama	2,388	1,221	356	53	1,436	30	11	82	1,297
Arkansas	1,510	464	347	20	11	143	31	59	1,073
Kentucky	217	240	570	124	1,961	74	183	103	1,299
Louisiana	1,664	1,090	426	6	62	132	2	20	1,338
Mississippi	2,009	733	370	18	575	108	10	91	1,365
Oklahoma	37	19	125	1	0	90	32	4	358
Tennessee	850	346	670	98	2,417	38	140	179	1,491
Texas	1,105	248	161	2	0	27	5	6	484
Total	9,780	4,362	3,024	322	6,462	641	414	544	8,706
East total:	18,388	12,305	14,356	5,245	22,748	16,472	1,733	7,317	29,478

Note: Data may not add to totals because of rounding. Volume by State in this table may differ from volume by State in other tables because of rounding.

Table 23—Net volume of hardwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2002, 1997, 1987, 1977, and 1953

Region, subregion, and State	All owners					National forest					Other public[a]				
	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953
							Million cubic feet								
North:															
Northeast:															
Connecticut	2,721	2,313	2,293	2,237	1,146	0	0	0	0	0	489	370	343	190	121
Delaware	581	471	469	457	219	0	0	0	0	0	48	40	17	18	4
Maine	9,209	9,209	7,938	6,543	5,378	45	45	27	46	18	367	367	253	87	51
Maryland	4,291	3,695	3,685	2,699	2,053	0	0	0	0	0	778	432	437	260	142
Massachusetts	3,635	3,254	3,040	2,454	1,240	0	0	0	0	0	826	597	504	326	164
New Hampshire	5,216	5,220	4,471	3,760	1,757	787	597	727	623	483	404	426	226	128	38
New Jersey	2,238	1,855	1,332	1,282	917	0	0	0	0	0	525	382	315	182	47
New York	16,432	16,427	15,154	9,732	7,775	12	18	6	0	0	1,325	1,327	1,245	647	517
Pennsylvania	22,574	22,574	22,763	21,625	11,716	983	983	1,184	1,184	444	4,766	4,766	4,645	4,175	2,262
Rhode Island	384	350	369	305	146	0	0	0	0	0	85	56	84	17	11
Vermont	5,855	5,812	4,233	3,164	2,228	417	339	331	155	152	599	590	507	157	109
West Virginia	19,059	19,054	14,777	13,062	8,622	1,715	1,715	1,799	1,741	886	806	806	534	291	337
Total	92,195	90,234	80,524	67,320	43,197	3,959	3,696	4,074	3,749	1,983	11,018	10,158	9,110	6,478	3,803
North Central:															
Illinois	5,774	4,717	4,717	4,185	2,387	368	257	257	198	69	356	250	250	174	36
Indiana	6,623	6,623	5,015	3,671	2,876	280	280	217	156	50	717	717	511	250	186
Iowa	1,651	1,651	1,244	1,032	1,357	0	0	0	0	1	164	164	145	118	19
Michigan	19,085	19,134	14,414	13,103	7,610	2,051	2,100	1,689	1,392	578	3,332	3,332	2,587	2,524	1,419
Minnesota	10,495	10,564	9,645	7,978	4,253	1,124	1,193	1,045	1,000	570	3,619	3,619	3,543	2,899	1,434
Missouri	8,109	8,135	7,334	5,631	5,450	847	872	899	665	578	437	437	265	153	109
Ohio	9,758	9,758	7,227	6,121	3,153	302	302	202	190	72	531	531	321	312	187
Wisconsin	14,061	14,059	12,300	10,117	6,412	1,277	1,277	1,161	882	564	2,382	2,381	2,490	1,913	1,193
Total	75,556	74,640	61,896	51,838	33,498	6,249	6,281	5,470	4,483	2,482	11,538	11,430	10,112	8,343	4,583
North total:	167,751	164,874	142,420	119,158	76,695	10,208	9,977	9,544	8,232	4,465	22,556	21,588	19,222	14,821	8,386
South:															
Southeast:															
Florida	5,942	5,942	5,665	4,700	3,517	269	269	214	187	103	1,065	1,065	741	238	76
Georgia	16,480	16,480	14,917	13,322	8,600	922	922	874	841	611	927	927	588	443	250
North Carolina	20,212	20,212	19,778	17,705	12,323	1,913	1,913	1,929	1,462	936	767	767	574	382	197
South Carolina	8,771	8,651	8,898	8,089	5,412	372	369	407	385	195	561	362	336	278	76
Virginia	19,838	19,838	18,896	16,875	11,681	2,300	2,300	2,079	1,804	939	942	942	767	651	246
Total	71,243	71,124	68,154	60,691	41,533	5,776	5,773	5,503	4,679	2,784	4,262	4,062	3,006	1,992	845
South Central:															
Alabama	15,164	11,974	10,484	9,489	6,477	534	369	326	259	147	686	464	330	203	83
Arkansas	12,344	12,344	10,655	9,048	9,469	1,942	1,942	1,529	1,247	656	1,156	1,156	639	475	360
Kentucky	14,743	14,739	13,500	11,052	5,858	883	883	799	627	314	501	501	393	351	181
Louisiana	8,916	8,916	8,440	7,813	6,756	293	293	290	214	89	674	674	617	306	114
Mississippi	11,402	11,402	10,069	8,305	6,370	760	760	662	502	144	804	804	363	366	199
Oklahoma	2,203	2,203	1,221	1,051	840	66	66	80	75	43	152	152	130	97	31
Tennessee	18,870	13,753	11,582	9,798	7,023	985	701	626	503	276	1,637	1,087	716	510	378
Texas	5,060	5,060	4,923	4,918	3,682	236	236	190	149	116	118	118	119	93	19
Total	88,702	80,392	70,874	61,474	46,475	5,699	5,249	4,502	3,576	1,785	5,728	4,956	3,307	2,401	1,365
South total:	159,945	151,515	139,028	122,165	88,008	11,475	11,022	10,005	8,255	4,569	9,990	9,018	6,313	4,393	2,210

Table 23—(continued).

Region, subregion, and State	All owners					National forest					Other public[a]				
	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953
								Million cubic feet							
Rocky Mountain:															
Great Plains:															
Kansas	1,238	1,238	847	584	477	0	0	0	0	0	67	67	46	24	16
Nebraska	645	643	312	304	285	0	0	1	1	0	55	53	16	13	7
North Dakota	326	327	239	257	257	1	1	0	0	0	32	32	39	79	79
South Dakota	171	161	70	128	79	17	9	9	9	2	7	7	11	22	13
Total	2,380	2,368	1,468	1,273	1,098	18	10	10	10	2	161	159	112	138	115
Intermountain:															
Arizona	279	368	336	220	174	128	164	151	133	103	0	0	185	48	39
Colorado	4,011	3,865	3,222	2,413	1,787	2,677	2,531	1,876	1,638	1,147	285	285	304	150	124
Idaho	774	784	503	223	213	258	268	152	67	77	116	116	149	49	42
Montana	561	561	405	287	248	107	108	40	46	28	37	37	33	62	55
Nevada	59	33	29	13	12	53	27	27	13	12	5	5	1	0	0
New Mexico	628	549	496	599	457	464	371	308	240	178	17	16	41	32	25
Utah	1,649	1,655	881	878	898	1,140	1,146	572	444	546	127	127	68	145	118
Wyoming	481	433	341	232	187	216	169	76	81	61	79	79	81	58	48
Total	8,442	8,251	6,213	4,865	3,976	5,043	4,783	3,202	2,662	2,152	666	664	862	544	451
Rocky Mountain total:	10,822	10,618	7,681	6,138	5,074	5,061	4,793	3,212	2,672	2,154	827	823	974	682	566
Pacific Coast:															
Alaska:															
Alaska	2,873	3,145	4,209	4,222	4,189	99	176	146	237	248	2,260	1,930	1,751	3,864	3,902
Total	2,873	3,145	4,209	4,222	4,189	99	176	146	237	248	2,260	1,930	1,751	3,864	3,902
Pacific Northwest:															
Oregon	6,518	6,526	6,066	4,819	4,217	1,178	1,185	1,135	897	723	1,535	1,535	1,124	1,198	628
Washington	6,522	6,523	6,937	5,703	2,859	358	372	335	141	121	1,311	1,311	1,319	1,124	507
Total	13,040	13,049	13,003	10,522	7,076	1,536	1,557	1,470	1,038	844	2,846	2,846	2,443	2,322	1,135
Pacific Southwest:															
California	9,550	8,337	7,464	3,693	2,828	3,477	2,264	2,184	1,133	1,276	319	319	554	283	218
Hawaii	276	276	276	198	220	0	0	0	0	0	122	122	122	95	99
Total	9,826	8,613	7,740	3,891	3,048	3,477	2,264	2,184	1,133	1,276	441	440	676	378	317
Pacific Coast total:	25,739	24,808	24,952	18,635	14,313	5,112	3,997	3,800	2,408	2,368	5,547	5,216	4,870	6,564	5,354
United States:	364,257	351,816	314,081	266,096	184,090	31,856	29,789	26,561	21,567	13,556	38,920	36,645	31,379	26,460	16,516

Table 23—(continued).

Region, subregion, and State	Forest industry					Nonindustrial private[a]				
	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953
						Million cubic feet				
North:										
Northeast:										
Connecticut	0	0	0	0	2	2,232	1,943	1,950	2,047	1,023
Delaware	14	2	8	10	13	519	429	444	429	202
Maine	3,582	3,582	3,711	3,311	2,215	5,215	5,215	3,947	3,099	3,094
Maryland	53	107	102	97	53	3,459	3,157	3,146	2,342	1,858
Massachusetts	12	82	94	43	96	2,797	2,575	2,442	2,085	980
New Hampshire	378	452	628	629	241	3,648	3,745	2,890	2,380	995
New Jersey	0	0	0	28	2	1,712	1,473	1,017	1,072	868
New York	1,522	1,522	1,253	902	721	13,572	13,560	12,650	8,183	6,537
Pennsylvania	1,120	1,120	1,246	945	512	15,706	15,706	15,688	15,321	8,498
Rhode Island	0	0	0	0	0	300	294	285	288	135
Vermont	292	277	346	533	385	4,546	4,607	3,049	2,319	1,582
West Virginia	1,558	1,558	1,447	1,138	502	14,980	14,975	10,997	9,892	6,897
Total	8,531	8,700	8,835	7,636	4,742	68,686	67,680	58,505	49,457	32,669
North Central:										
Illinois	18	14	14	12	15	5,032	4,196	4,196	3,801	2,267
Indiana	26	26	24	22	21	5,600	5,599	4,263	3,243	2,619
Iowa	0	0	0	12	5	1,487	1,487	1,099	902	1,332
Michigan	1,572	1,572	1,744	1,657	1,175	12,130	12,130	8,394	7,530	4,438
Minnesota	369	369	430	371	213	5,383	5,383	4,627	3,708	2,036
Missouri	137	137	185	146	109	6,688	6,688	5,985	4,667	4,654
Ohio	198	198	105	183	87	8,727	8,727	6,599	5,436	2,807
Wisconsin	957	957	928	973	423	9,445	9,444	7,721	6,349	4,232
Total	3,277	3,274	3,430	3,376	2,048	54,492	53,655	42,884	35,636	24,385
North total:	11,808	11,974	12,265	11,012	6,790	123,178	121,335	101,389	85,093	57,054
South:										
Southeast:										
Florida	1,230	1,230	1,477	1,511	1,053	3,378	3,378	3,232	2,764	2,285
Georgia	1,914	1,914	2,388	2,097	1,178	12,718	12,718	11,067	9,941	6,561
North Carolina	1,433	1,433	1,540	1,402	1,762	16,099	16,099	15,735	14,459	9,428
South Carolina	972	1,262	1,554	1,418	651	6,866	6,658	6,601	6,008	4,490
Virginia	1,017	1,017	1,198	1,114	944	15,579	15,579	14,852	13,306	9,552
Total	6,566	6,857	8,157	7,542	5,588	54,640	54,432	51,487	46,478	32,316
South Central:										
Alabama	1,435	1,921	1,739	1,647	887	12,510	9,220	8,089	7,380	5,360
Arkansas	1,923	1,923	2,337	2,023	1,359	7,324	7,324	6,150	5,303	7,094
Kentucky	230	230	231	241	171	13,129	13,125	12,077	9,833	5,192
Louisiana	1,778	1,778	1,652	1,851	1,077	6,171	6,171	5,881	5,442	5,476
Mississippi	1,379	1,379	1,357	1,407	664	8,460	8,460	7,687	6,030	5,363
Oklahoma	173	173	157	211	129	1,811	1,811	854	668	637
Tennessee	1,550	919	984	881	408	14,699	11,046	9,256	7,904	5,961
Texas	1,165	1,165	1,137	1,400	961	3,542	3,542	3,477	3,276	2,586
Total	9,633	9,488	9,594	9,661	5,656	67,646	60,699	53,471	45,836	37,669
South total:	16,199	16,344	17,751	17,203	11,244	122,286	115,131	104,958	92,314	69,985

Table 23—(continued).

Region, subregion, and State	Forest industry					Nonindustrial private[a]				
	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953
	Million cubic feet									
Rocky Mountain:										
Great Plains:										
Kansas	0	0	0	0	0	1,170	1,170	801	560	461
Nebraska	0	0	0	0	0	590	590	295	290	278
North Dakota	0	0	0	0	0	294	294	200	178	178
South Dakota	0	0	0	1	0	147	145	50	96	64
Total	0	0	0	1	0	2,201	2,198	1,346	1,124	981
Intermountain:										
Arizona	0	0	0	0	0	151	204	0	39	32
Colorado	0	0	0	0	0	1,049	1,049	1,042	625	516
Idaho	20	20	17	28	35	381	381	185	79	59
Montana	10	10	16	6	9	407	407	316	173	156
Nevada	1	1	0	0	0	0	0	1	0	0
New Mexico	0	0	0	0	13	147	163	147	327	241
Utah	0	0	0	0	0	383	383	241	289	234
Wyoming	0	0	0	3	3	186	186	184	90	75
Total	31	31	33	37	60	2,704	2,773	2,116	1,622	1,313
Rocky Mountain total:	31	31	33	38	60	4,905	4,971	3,462	2,746	2,294
Pacific Coast:										
Alaska:										
Alaska	0	0	0	0	0	515	1,040	2,312	121	39
Total	0	0	0	0	0	515	1,040	2,312	121	39
Pacific Northwest:										
Oregon	1,502	1,502	1,524	1,302	940	2,303	2,303	2,283	1,422	1,926
Washington	1,973	1,973	2,364	2,053	960	2,882	2,882	2,919	2,385	1,271
Total	3,475	3,475	3,888	3,355	1,900	5,185	5,185	5,202	3,807	3,197
Pacific Southwest:										
California	1,701	1,701	1,374	679	336	4,054	4,054	3,352	1,598	998
Hawaii	0	0	0	0	0	154	154	154	103	121
Total	1,701	1,701	1,374	679	336	4,208	4,208	3,506	1,701	1,119
Pacific Coast total:	5,176	5,176	5,262	4,034	2,236	9,908	10,433	11,020	5,629	4,355
United States:	33,214	33,526	35,311	32,287	20,330	260,277	251,870	220,829	185,782	133,688

[a] Native American lands have been exclusively in the nonindustrial private owner group since 1997. For 1987 and earlier years, these lands may be included in the other public owner group.

Note: Data may not add to totals because of rounding.

Table 24—Net volume of growing stock on timberland in the Western United States by species, region, and subregion, 2002, 1997, 1987, 1977, and 1963

			Softwoods								
Region and subregion	Year	All species	Total soft-woods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
						Million cubic feet					
Rocky Mountain:											
Great Plains	2002	4,259	1,880	0	1,278	0	0	0	0	0	0
	1997	3,931	1,563	0	1,028	0	0	0	0	0	0
	1987	3,394	1,912	0	1,834	0	0	0	0	0	0
	1977	3,072	1,799	0	1,707	0	0	0	0	0	0
	1963	2,574	1,472	0	1,388	0	0	0	0	0	0
Intermountain	2002	127,399	118,957	30,336	16,827	19,879	1,091	0	562	0	0
	1997	121,368	113,118	29,052	16,426	18,912	1,063	1	534	0	0
	1987	104,603	98,386	22,560	15,544	14,861	971	2	1,578	0	0
	1977	98,177	93,312	20,475	14,762	13,591	1,462	1	2,184	0	0
	1963	96,245	91,751	19,913	15,650	12,984	1,694	4	3,069	0	0
Rocky Mountain total:	2002	131,658	120,837	30,336	18,105	19,879	1,091	0	562	0	0
	1997	125,299	114,681	29,052	17,454	18,912	1,063	1	534	0	0
	1987	107,997	100,298	22,560	17,378	14,861	971	2	1,578	0	0
	1977	101,249	95,111	20,475	16,469	13,591	1,462	1	2,184	0	0
	1963	98,819	93,223	19,913	17,038	12,984	1,694	4	3,069	0	0
Pacific Coast:											
Alaska[a]	2002	31,998	29,124	0	0	6	11,224	0	0	0	8,641
	1997	32,955	29,810	0	0	2	11,425	0	0	0	8,519
	1987	41,262	37,051	0	0	15	15,873	0	0	0	10,145
	1977	52,499	48,277	0	0	179	30,259	0	0	0	10,500
	1963	53,617	49,426	0	0	97	30,083	0	0	0	16,111
Pacific Northwest	2002	148,635	135,591	69,454	11,563	16,261	19,772	681	372	32	328
	1997	149,018	135,969	69,559	11,564	16,332	19,806	689	386	32	328
	1987	143,700	130,711	63,660	11,094	17,060	20,049	588	343	45	1,771
	1977	143,057	132,535	60,076	12,634	16,926	24,266	761	888	91	1,466
	1963	154,241	144,994	64,250	15,613	19,816	24,892	900	1,231	46	1,601
Pacific Southwest	2002	58,182	48,355	14,491	8,962	12,687	31	2,691	293	4,599	0
	1997	57,785	49,172	13,898	9,722	13,346	31	2,960	276	4,610	0
	1987	54,055	46,311	12,700	8,695	12,689	42	3,031	319	5,114	36
	1977	49,870	45,979	12,786	9,124	12,804	129	3,355	231	4,302	48
	1963	56,559	53,365	17,277	10,210	13,428	69	3,694	305	5,352	33
Pacific Coast total:	2002	238,814	213,071	83,945	20,525	28,953	31,028	3,373	665	4,631	8,969
	1997	239,758	214,951	83,457	21,286	29,680	31,262	3,649	662	4,642	8,848
	1987	239,017	214,073	76,361	19,789	29,765	35,964	3,619	662	5,159	11,952
	1977	245,426	226,791	72,862	21,758	29,909	54,654	4,116	1,119	4,393	12,014
	1963	264,417	247,785	81,526	25,823	33,340	55,044	4,594	1,537	5,398	17,745
West total:	2002	370,472	333,907	114,281	38,630	48,832	32,118	3,373	1,227	4,631	8,969
	1997	365,057	329,631	112,509	38,741	48,592	32,324	3,650	1,196	4,642	8,848
	1987	347,014	314,371	98,921	37,166	44,626	36,935	3,621	2,240	5,159	11,952
	1977	346,675	321,902	93,337	38,226	43,500	56,116	4,117	3,303	4,393	12,014
	1963	363,236	341,008	101,439	42,861	46,324	56,739	4,598	4,606	5,398	17,745

Table 24—(continued).

		Softwoods					Hardwoods				
Region and subregion	Year	Englemann and other spruces	Western larch	Incense-cedar	Lodgepole pine	Other soft-woods	Total hard-woods	Cotton-wood and aspen	Red alder	Oak	Other hard woods
						Million cubic feet					
Rocky Mountain:											
Great Plains	2002	92	0	0	0	510	2,380	14	0	1	2,364
	1997	48	0	0	0	486	2,368	9	0	0	2,359
	1987	61	0	0	0	17	1,482	463	0	314	705
	1977	62	0	0	0	30	1,273	424	0	197	651
	1963	63	0	0	0	21	1,102	387	0	217	499
Intermountain	2002	16,623	3,748	4	23,224	6,662	8,442	8,190	0	1	251
	1997	15,260	3,704	3	22,269	5,896	8,250	7,808	0	0	442
	1987	13,515	4,816	3	21,131	3,405	6,217	6,172	0	0	45
	1977	12,932	3,876	1	19,857	4,171	4,865	4,758	0	0	107
	1963	12,689	6,153	4	16,806	2,785	4,494	4,421	6	0	67
Rocky Mountain total:	2002	16,715	3,748	4	23,224	7,172	10,822	8,204	0	2	2,616
	1997	15,308	3,704	3	22,269	6,382	10,618	7,817	0	0	2,801
	1987	13,576	4,816	3	21,131	3,422	7,699	6,635	0	314	750
	1977	12,994	3,876	1	19,857	4,201	6,138	5,182	0	197	759
	1963	12,752	6,153	4	16,806	2,806	5,596	4,808	6	217	565
Pacific Coast:											
Alaska	2002	4,287	3	0	81	4,884	2,873	843	73	0	1,957
	1997	4,605	0	0	38	4,827	3,145	1,555	33	0	1,557
	1987	6,052	0	0	39	4,927	4,211	1,827	62	0	2,322
	1977	2,889	0	0	57	4,392	4,222	1,863	214	0	2,145
	1963	6	0	0	28	3,101	4,191	3,706	436	0	48
Pacific Northwest	2002	2,817	2,236	723	4,001	7,350	13,044	739	7,536	479	4,289
	1997	2,825	2,254	723	4,012	7,459	13,049	740	7,535	484	4,290
	1987	1,863	2,365	624	4,479	6,768	12,990	600	8,290	606	3,494
	1977	1,273	2,568	648	5,640	5,298	10,522	348	6,781	486	2,906
	1963	1,386	2,413	776	3,826	8,243	9,247	346	5,111	756	3,034
Pacific Southwest	2002	37	0	2,884	1,195	487	9,826	71	230	4,932	4,594
	1997	36	0	2,849	911	534	8,613	35	218	4,320	4,041
	1987	14	0	2,365	861	445	7,744	20	133	5,728	1,863
	1977	7	0	2,004	870	319	3,891	21	64	1,796	2,010
	1963	0	0	1,699	903	395	3,194	41	61	892	2,200
Pacific Coast total:	2002	7,141	2,239	3,606	5,277	12,720	25,743	1,653	7,839	5,411	10,840
	1997	7,466	2,254	3,571	4,960	12,821	24,808	2,330	7,786	4,804	9,888
	1987	7,929	2,365	2,989	5,379	12,140	24,944	2,447	8,485	6,334	7,679
	1977	4,169	2,568	2,652	6,567	10,009	18,635	2,232	7,059	2,282	7,062
	1963	1,392	2,413	2,476	4,757	11,739	16,632	4,094	5,609	1,647	5,282
West total:[a]	2002	23,856	5,987	3,611	28,501	19,892	36,565	9,857	7,839	5,414	13,456
	1997	22,773	5,958	3,574	27,229	19,203	35,425	10,147	7,786	4,804	12,689
	1987	27,072	7,181	2,992	26,549	20,412	32,644	9,082	8,485	6,648	8,429
	1977	19,697	6,444	2,653	26,481	18,509	24,773	7,414	7,059	2,480	7,821
	1963	13,970	8,567	2,479	21,592	17,586	22,228	8,901	5,615	1,864	5,848

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[a] Data for Englemann and other spruces included in other softwoods for 1963.

Note: Data may not add to totals because of rounding.

Table 25—Net volume of all growing stock on timberland in the United States by ownership group, region, subregion, and State, 2002, 1997, 1987, 1977, and 1953

Region, subregion, and State	All owners					National forest					Other public[a]				
	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953
								Million cubic feet							
North:															
Northeast:															
Connecticut	3,192	2,755	2,707	2,662	1,304	0	0	0	0	0	556	412	412	240	137
Delaware	695	639	642	625	455	0	0	0	0	0	52	47	25	27	9
Maine	20,891	20,891	22,448	22,603	15,471	93	93	51	68	33	875	875	780	352	163
Maryland	5,092	4,511	4,490	3,492	2,770	0	0	0	0	0	891	511	515	342	170
Massachusetts	5,732	4,862	4,729	3,893	1,871	0	0	0	0	0	1,245	820	774	589	242
New Hampshire	9,015	9,039	7,879	7,286	3,965	1,170	929	1,087	899	736	748	783	453	187	100
New Jersey	2,819	2,378	1,895	1,534	1,167	0	0	0	0	0	778	603	571	240	73
New York	21,831	21,828	20,089	13,256	10,523	17	24	7	0	0	2,058	2,062	1,893	1,089	861
Pennsylvania	24,903	24,903	24,746	23,403	12,945	1,045	1,045	1,252	1,244	482	5,156	5,156	4,875	4,388	2,409
Rhode Island	496	394	428	413	161	0	0	0	0	0	138	68	110	21	12
Vermont	8,696	8,675	6,243	4,990	3,479	488	404	376	194	187	753	741	637	249	147
West Virginia	20,309	20,303	15,837	14,154	9,114	1,982	1,982	1,979	1,980	1,004	878	878	561	309	365
Total	123,671	121,179	112,133	98,311	63,225	4,795	4,478	4,752	4,385	2,442	14,128	12,956	11,606	8,033	4,688
North Central:															
Illinois	5,943	4,835	4,835	4,266	2,404	418	304	304	233	74	386	275	275	189	36
Indiana	6,900	6,900	5,216	3,759	2,903	309	309	239	170	53	751	751	528	270	200
Iowa	1,669	1,669	1,251	1,038	1,361	0	0	0	0	1	164	164	145	118	19
Michigan	26,661	26,735	20,972	18,304	9,980	3,531	3,604	3,026	2,346	849	5,363	5,363	4,332	3,831	1,953
Minnesota	15,147	15,268	13,731	11,455	6,951	2,103	2,223	1,964	1,871	1,350	5,691	5,691	5,418	4,464	2,549
Missouri	8,965	8,998	7,935	6,023	5,714	1,151	1,184	1,172	842	712	505	505	287	165	114
Ohio	10,159	10,159	7,553	6,395	3,249	330	330	222	206	79	577	577	347	337	196
Wisconsin	18,513	18,509	16,412	13,457	7,961	1,906	1,905	1,813	1,357	700	3,376	3,376	3,620	2,697	1,678
Total	93,957	93,072	77,905	64,697	40,523	9,748	9,859	8,740	7,025	3,818	16,813	16,702	14,952	12,071	6,745
North total:	217,628	214,251	190,038	163,008	103,748	14,543	14,337	13,492	11,410	6,260	30,941	29,657	26,558	20,104	11,433
South:															
Southeast:															
Florida	15,366	15,366	14,970	13,450	8,901	1,264	1,264	1,087	1,099	652	2,607	2,607	1,896	990	388
Georgia	31,704	31,704	30,787	29,418	19,351	1,428	1,428	1,251	1,309	977	2,129	2,129	1,557	1,299	906
North Carolina	32,742	32,742	32,064	29,231	21,420	2,459	2,459	2,452	1,958	1,273	1,512	1,512	1,153	786	470
South Carolina	17,702	16,685	17,733	16,797	10,212	935	951	1,151	1,143	777	1,289	966	921	740	188
Virginia	26,487	26,487	25,219	22,803	17,197	2,663	2,663	2,410	2,116	1,179	1,300	1,300	1,118	947	477
Total	124,001	122,985	120,773	111,699	77,081	8,749	8,764	8,351	7,625	4,858	8,837	8,514	6,645	4,762	2,429
South Central:															
Alabama	27,847	23,075	21,812	20,958	12,352	1,164	931	985	820	425	1,137	733	559	419	181
Arkansas	21,686	21,686	19,241	17,021	14,109	3,837	3,837	3,206	2,767	1,542	1,440	1,440	863	630	401
Kentucky	15,956	15,952	14,610	11,968	6,351	1,041	1,041	963	780	453	536	536	397	355	244
Louisiana	18,844	18,844	18,992	17,155	11,009	1,024	1,024	1,065	938	357	1,026	1,026	894	512	197
Mississippi	20,611	20,611	19,815	17,235	10,044	2,133	2,133	2,136	1,755	723	1,312	1,312	631	742	541
Oklahoma	3,624	3,624	2,219	2,062	1,381	294	294	249	202	116	225	225	188	147	33
Tennessee	22,456	16,646	14,292	12,001	8,250	1,322	1,004	972	777	496	1,986	1,390	957	699	480
Texas	12,939	12,939	12,887	13,274	7,893	1,379	1,379	1,392	1,207	796	246	246	276	237	68
Total	143,963	133,377	123,868	111,674	71,389	12,194	11,645	10,968	9,246	4,908	7,908	6,907	4,765	3,741	2,145
South total:	267,964	256,361	244,641	223,373	148,470	20,943	20,409	19,319	16,871	9,766	16,745	15,421	11,410	8,503	4,574

Table 25—(continued).

Region, subregion, and State	All owners					National forest					Other public[a]				
	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953
								Million cubic feet							
Rocky Mountain:															
Great Plains:															
Kansas	1,254	1,254	853	585	477	0	0	0	0	0	68	68	46	24	16
Nebraska	856	854	489	452	358	54	54	32	29	19	77	75	33	26	11
North Dakota	330	330	242	257	257	2	2	0	0	0	32	32	39	79	79
South Dakota	1,819	1,492	1,796	1,778	1,315	1,408	1,099	1,279	1,354	1,048	56	55	129	122	64
Total	4,259	3,931	3,380	3,072	2,407	1,464	1,155	1,311	1,383	1,067	233	230	247	251	170
Intermountain:															
Arizona	6,193	5,977	6,316	4,983	4,774	4,190	4,095	4,327	3,341	2,991	63	47	1,938	1,497	1,635
Colorado	20,943	20,028	19,448	15,037	12,713	15,238	14,323	13,687	11,124	9,352	1,646	1,646	1,669	863	742
Idaho	40,050	39,256	32,591	31,885	28,890	30,641	29,848	23,592	21,656	18,971	3,468	3,468	3,629	3,316	3,034
Montana	35,167	34,815	28,016	27,978	27,615	25,608	25,256	18,635	18,136	17,472	2,354	2,354	2,491	2,605	2,390
Nevada	543	339	419	263	247	358	154	233	99	91	62	62	13	9	9
New Mexico	7,013	5,578	6,124	6,396	5,971	4,802	3,497	4,038	3,112	2,756	198	140	717	1,379	1,377
Utah	7,336	7,363	4,794	4,440	4,555	5,694	5,721	3,603	3,252	3,331	500	500	413	557	594
Wyoming	10,154	8,012	6,891	7,195	5,448	7,880	5,739	4,618	5,650	4,136	803	803	951	634	538
Total	127,399	121,370	104,599	98,177	90,213	94,411	88,632	72,733	66,370	59,100	9,094	9,020	11,821	10,860	10,319
Rocky Mountain total:	131,658	125,300	107,979	101,249	92,620	95,875	89,787	74,044	67,753	60,167	9,327	9,250	12,068	11,111	10,489
Pacific Coast:															
Alaska:															
Alaska	31,998	32,955	41,260	52,499	53,338	19,856	18,909	24,214	35,651	39,098	7,450	7,020	7,631	16,064	13,983
Total	31,998	32,955	41,260	52,499	53,338	19,856	18,909	24,214	35,651	39,098	7,450	7,020	7,631	16,064	13,983
Pacific Northwest:															
Oregon	83,212	83,296	76,620	79,554	91,797	49,096	49,178	43,237	45,801	46,211	13,592	13,593	13,929	13,907	15,900
Washington	65,413	65,724	67,067	63,503	64,853	27,380	27,693	23,832	22,974	25,625	11,034	11,034	15,117	14,324	13,112
Total	148,625	149,020	143,687	143,057	156,650	76,476	76,871	67,069	68,775	71,836	24,626	24,627	29,046	28,231	29,012
Pacific Southwest:															
California	57,902	57,505	53,771	49,668	60,834	32,200	31,803	29,397	29,206	30,866	1,639	1,639	1,799	1,391	2,110
Hawaii	280	280	280	202	224	0	0	0	0	0	125	125	125	98	102
Total	58,182	57,785	54,051	49,870	61,058	32,200	31,803	29,397	29,206	30,866	1,764	1,763	1,924	1,489	2,212
Pacific Coast total:	238,805	239,760	238,998	245,426	271,046	128,532	127,583	120,680	133,632	141,800	33,840	33,410	38,601	45,784	45,207
United States:	856,055	835,672	781,656	733,056	615,884	259,893	252,115	227,535	229,666	217,993	90,853	87,738	88,637	85,502	71,703

Table 25—(continued).

Region, subregion, and State	Forest industry					Nonindustrial private[a]				
	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953
					Million cubic feet					
North:										
Northeast:										
Connecticut	0	0	0	0	2	2,636	2,343	2,295	2,422	1,165
Delaware	38	20	26	38	27	606	573	591	560	419
Maine	8,352	8,352	11,560	12,431	6,409	11,571	11,571	10,057	9,752	8,866
Maryland	113	187	181	188	117	4,088	3,813	3,794	2,962	2,483
Massachusetts	22	168	158	67	148	4,465	3,874	3,797	3,237	1,481
New Hampshire	631	721	1,061	1,429	612	6,466	6,607	5,278	4,771	2,517
New Jersey	0	0	0	28	3	2,042	1,775	1,324	1,266	1,091
New York	1,877	1,877	1,656	1,284	1,019	17,879	17,864	16,533	10,883	8,643
Pennsylvania	1,202	1,202	1,337	1,016	561	17,500	17,500	17,282	16,755	9,493
Rhode Island	0	0	0	0	0	358	326	318	392	149
Vermont	391	350	474	745	569	7,063	7,180	4,756	3,802	2,576
West Virginia	1,627	1,627	1,573	1,234	521	15,822	15,816	11,724	10,631	7,224
Total	14,253	14,503	18,026	18,460	9,988	90,496	89,243	77,749	67,433	46,107
North Central:										
Illinois	18	14	14	13	16	5,121	4,242	4,242	3,831	2,278
Indiana	26	26	24	23	21	5,814	5,814	4,425	3,296	2,629
Iowa	0	0	0	12	5	1,505	1,505	1,106	908	1,336
Michigan	2,336	2,336	2,629	2,465	1,738	15,431	15,431	10,985	9,662	5,440
Minnesota	672	672	766	636	445	6,681	6,681	5,583	4,484	2,607
Missouri	173	173	206	167	116	7,136	7,136	6,270	4,849	4,772
Ohio	223	223	107	187	91	9,029	9,029	6,877	5,665	2,883
Wisconsin	1,257	1,257	1,337	1,563	533	11,974	11,972	9,642	7,840	5,050
Total	4,705	4,700	5,083	5,066	2,965	62,691	61,811	49,130	40,535	26,995
North total:	18,958	19,204	23,109	23,526	12,953	153,187	151,053	126,879	107,968	73,102
South:										
Southeast:										
Florida	3,541	3,541	4,164	4,300	2,742	7,954	7,954	7,822	7,061	5,119
Georgia	5,141	5,141	5,831	4,933	3,209	23,007	23,007	22,148	21,877	14,259
North Carolina	3,317	3,317	3,186	2,559	3,308	25,454	25,454	25,273	23,928	16,369
South Carolina	2,709	2,934	3,328	2,835	1,351	12,769	11,833	12,333	12,079	7,896
Virginia	2,154	2,154	2,365	2,057	1,781	20,370	20,370	19,326	17,683	13,760
Total	16,862	17,088	18,874	16,684	12,391	89,554	88,619	86,902	82,628	57,403
South Central:										
Alabama	3,789	4,920	4,541	4,530	2,521	21,756	16,491	15,727	15,189	9,225
Arkansas	5,394	5,394	5,528	5,143	3,731	11,015	11,015	9,644	8,481	8,435
Kentucky	242	242	237	247	181	14,137	14,133	13,013	10,586	5,473
Louisiana	4,633	4,633	4,431	4,576	3,029	12,161	12,161	12,602	11,129	7,426
Mississippi	3,270	3,270	3,179	3,133	2,118	13,896	13,896	13,869	11,605	6,662
Oklahoma	748	748	507	728	488	2,357	2,357	1,275	985	744
Tennessee	2,108	1,221	1,273	1,113	482	17,041	13,032	11,090	9,412	6,792
Texas	3,291	3,291	3,413	4,621	2,844	8,023	8,023	7,806	7,209	4,185
Total	23,475	23,719	23,109	24,091	15,394	100,386	91,106	85,026	74,596	48,942
South total:	40,337	40,807	41,983	40,775	27,785	189,940	179,725	171,928	157,224	106,345

Table 25—(continued).

Region, subregion, and State	Forest industry					Nonindustrial private[a]				
	2002	1997	1987	1977	1953	2002	1997	1987	1977	1953
	Million cubic feet									
Rocky Mountain:										
Great Plains:										
Kansas	0	0	0	0	0	1,186	1,186	807	561	461
Nebraska	0	0	0	0	0	725	725	424	397	328
North Dakota	0	0	0	0	0	296	296	203	178	178
South Dakota	0	0	12	20	8	355	339	376	282	195
Total	0	0	12	20	8	2,562	2,546	1,810	1,418	1,162
Intermountain:										
Arizona	0	0	0	0	0	1,941	1,835	51	145	148
Colorado	0	0	0	21	19	4,059	4,059	4,092	3,029	2,600
Idaho	2,613	2,613	2,329	2,941	3,473	3,328	3,328	3,041	3,972	3,412
Montana	2,167	2,167	2,979	2,103	3,113	5,038	5,038	3,911	5,134	4,640
Nevada	24	24	0	16	15	100	100	173	139	132
New Mexico	0	0	3	0	126	2,013	1,942	1,366	1,905	1,712
Utah	0	0	0	0	0	1,142	1,142	778	631	630
Wyoming	0	0	53	64	55	1,471	1,470	1,269	847	719
Total	4,804	4,803	5,364	5,145	6,801	19,092	18,914	14,681	15,802	13,993
Rocky Mountain total:	4,804	4,803	5,376	5,165	6,809	21,654	21,461	16,491	17,220	15,155
Pacific Coast:										
Alaska:										
Alaska	0	0	0	0	0	4,692	7,027	9,415	784	257
Total	0	0	0	0	0	4,692	7,027	9,415	784	257
Pacific Northwest:										
Oregon	11,175	11,176	11,535	13,412	20,000	9,349	9,349	7,919	6,434	9,686
Washington	13,504	13,504	16,768	15,770	18,600	13,495	13,493	11,350	10,435	7,516
Total	24,679	24,680	28,303	29,182	38,600	22,844	22,842	19,269	16,869	17,202
Pacific Southwest:										
California	10,293	10,294	9,292	8,136	11,604	13,770	13,769	13,283	10,935	16,254
Hawaii	0	0	0	0	0	156	156	155	104	122
Total	10,293	10,294	9,292	8,136	11,604	13,926	13,925	13,438	11,039	16,376
Pacific Coast total:	34,972	34,973	37,595	37,318	50,204	41,462	43,794	42,122	28,692	33,835
United States:	99,071	99,787	108,063	106,784	97,751	406,243	396,032	357,420	311,104	228,437

[a] Native American lands have been included exclusively in the nonindustrial private owner group since 1997. For 1987 and earlier years, these lands may be included in the other public owner group.

Note: Data may not add to totals because of rounding.

Table 26—Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and diameter class, 2002

Subregion and diameter class (in inches)	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
					Million cubic feet					
Northeast:										
5.0 - 6.9	7,929	257	325	250	202	254	320	954	2,010	558
7.0 - 8.9	13,139	496	703	558	457	465	520	1,635	3,107	829
9.0 - 10.9	15,694	693	1,032	758	686	577	603	1,981	3,384	977
11.0 - 12.9	14,337	676	1,269	710	748	523	512	1,853	2,656	849
13.0 - 14.9	12,344	663	1,243	635	751	421	396	1,570	2,144	658
15.0 - 16.9	9,436	515	1,130	477	651	290	272	1,205	1,396	541
17.0 - 18.9	6,497	385	896	311	504	162	184	768	885	407
19.0 - 20.9	4,408	285	611	198	374	116	115	527	571	274
21.0 - 28.9	6,769	410	1,104	282	614	109	181	923	866	397
29.0 +	1,639	141	292	48	137	11	26	243	245	53
Total	92,191	4,521	8,605	4,227	5,124	2,927	3,129	11,659	17,265	5,542
North Central:										
5.0 - 6.9	7,325	433	195	163	342	341	81	1,076	1,046	55
7.0 - 8.9	10,501	655	434	225	551	528	106	1,385	1,347	80
9.0 - 10.9	12,198	915	699	226	726	608	127	1,413	1,353	113
11.0 - 12.9	11,386	981	866	219	833	610	114	1,178	1,088	115
13.0 - 14.9	9,813	1,048	878	197	840	533	100	964	852	132
15.0 - 16.9	7,580	994	758	165	734	425	92	782	620	124
17.0 - 18.9	5,450	789	623	107	541	301	58	579	461	124
19.0 - 20.9	3,675	558	471	76	402	138	40	400	309	95
21.0 - 28.9	6,093	1,027	883	86	681	196	62	562	556	231
29.0 +	1,535	243	232	10	182	14	4	50	200	54
Total	75,555	7,643	6,038	1,476	5,832	3,694	783	8,388	7,832	1,125
Southeast:										
5.0 - 6.9	5,514	383	114	330	841	259	8	47	783	51
7.0 - 8.9	7,805	628	165	642	1,246	417	11	62	906	70
9.0 - 10.9	9,525	893	241	763	1,574	577	12	57	851	101
11.0 - 12.9	10,139	1,022	334	778	1,694	570	3	53	832	117
13.0 - 14.9	9,669	1,051	377	754	1,664	542	6	56	696	122
15.0 - 16.9	8,430	945	410	626	1,409	447	11	60	512	137
17.0 - 18.9	6,387	712	332	571	1,120	320	8	44	375	130
19.0 - 20.9	4,688	528	311	404	890	221	7	29	243	84
21.0 - 28.9	7,441	848	665	765	1,540	267	17	44	323	175
29.0 +	1,647	166	208	287	390	24	0	12	44	29
Total	71,244	7,177	3,157	5,919	12,367	3,642	83	464	5,565	1,016

Table 26—(continued).

Subregion and diameter class (in inches)	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
					Million cubic feet					
South Central:										
5.0 - 6.9	6,832	662	162	560	847	690	4	195	469	46
7.0 - 8.9	10,117	1,087	322	947	1,403	1,098	1	249	499	79
9.0 - 10.9	12,316	1,412	476	1,186	2,027	1,357	1	262	428	110
11.0 - 12.9	12,075	1,494	557	1,125	2,164	1,360	2	226	328	146
13.0 - 14.9	11,838	1,461	577	1,098	2,346	1,217	1	202	289	156
15.0 - 16.9	10,253	1,263	582	907	2,199	953	1	150	236	181
17.0 - 18.9	7,965	989	565	702	1,779	619	2	105	143	196
19.0 - 20.9	5,754	629	490	484	1,383	367	2	89	111	169
21.0 - 28.9	9,523	973	1,001	814	2,432	490	0	85	163	396
29.0 +	2,031	133	266	186	614	105	0	33	34	99
Total	88,703	10,102	5,000	8,010	17,194	8,257	14	1,595	2,699	1,579
East total:										
5.0 - 6.9	27,599	1,734	796	1,303	2,232	1,545	413	2,272	4,307	709
7.0 - 8.9	41,562	2,866	1,624	2,373	3,657	2,507	637	3,331	5,859	1,058
9.0 - 10.9	49,732	3,913	2,449	2,933	5,012	3,118	742	3,712	6,017	1,302
11.0 - 12.9	47,938	4,173	3,025	2,832	5,438	3,063	630	3,309	4,904	1,227
13.0 - 14.9	43,665	4,222	3,075	2,685	5,601	2,713	503	2,791	3,981	1,068
15.0 - 16.9	35,699	3,718	2,880	2,174	4,993	2,115	376	2,197	2,764	983
17.0 - 18.9	26,299	2,876	2,416	1,692	3,944	1,402	252	1,496	1,864	857
19.0 - 20.9	18,524	2,000	1,883	1,162	3,049	841	164	1,046	1,233	623
21.0 - 28.9	29,825	3,258	3,652	1,948	5,267	1,062	259	1,614	1,908	1,199
29.0 +	6,851	683	999	531	1,323	154	30	338	522	235
Total	327,693	29,444	22,800	19,632	40,517	18,520	4,008	22,107	33,362	9,262

Table 26—(continued).

Subregion and diameter class (in inches)	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow-poplar	Cotton-wood and aspen	Black walnut	Black cherry	Other eastern hard-woods
					Million cubic feet				
Northeast:									
5.0 - 6.9	40	99	463	70	149	410	23	319	1,226
7.0 - 8.9	70	96	688	157	317	723	39	547	1,732
9.0 - 10.9	101	97	836	195	497	803	46	737	1,691
11.0 - 12.9	108	79	766	260	637	694	49	770	1,180
13.0 - 14.9	114	70	635	263	703	499	50	728	802
15.0 - 16.9	94	58	498	207	715	277	32	594	485
17.0 - 18.9	50	30	312	126	647	108	18	424	279
19.0 - 20.9	19	24	200	94	474	70	12	274	168
21.0 - 28.9	62	41	275	102	748	52	12	350	241
29.0 +	11	2	89	14	153	13	1	53	105
Total	670	595	4,762	1,489	5,039	3,651	282	4,795	7,908
North Central:									
5.0 - 6.9	11	27	628	218	58	1,178	50	192	1,230
7.0 - 8.9	17	30	834	402	106	1,829	92	257	1,623
9.0 - 10.9	21	29	815	567	169	2,437	126	297	1,558
11.0 - 12.9	26	21	707	591	198	2,311	152	265	1,112
13.0 - 14.9	28	30	601	467	227	1,739	156	240	781
15.0 - 16.9	26	18	432	333	232	1,069	108	146	521
17.0 - 18.9	18	14	311	200	215	543	79	110	374
19.0 - 20.9	15	6	209	135	180	268	42	66	264
21.0 - 28.9	15	14	265	169	297	458	33	76	483
29.0 +	0	5	40	22	36	264	4	7	168
Total	178	194	4,842	3,104	1,716	12,095	843	1,657	8,114
Southeast:									
5.0 - 6.9	763	683	152	12	436	5	9	71	567
7.0 - 8.9	1,021	924	187	27	680	8	20	67	725
9.0 - 10.9	1,257	1,097	246	37	934	7	34	60	783
11.0 - 12.9	1,198	1,178	259	52	1,259	8	38	43	702
13.0 - 14.9	1,082	1,024	221	54	1,352	16	31	28	594
15.0 - 16.9	825	837	193	56	1,444	14	25	15	464
17.0 - 18.9	567	543	147	31	1,147	7	10	17	307
19.0 - 20.9	394	346	119	29	856	2	15	6	206
21.0 - 28.9	564	422	174	25	1,249	9	11	10	334
29.0 +	90	102	30	9	175	10	2	2	67
Total	7,760	7,155	1,728	330	9,531	86	194	320	4,749

Table 26—(continued).

Subregion and diameter class (in inches)	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow-poplar	Cottonwood and aspen	Black walnut	Black cherry	Other eastern hardwoods
				Million cubic feet					
South Central:									
5.0 - 6.9	978	385	252	21	284	7	34	93	1,143
7.0 - 8.9	1,437	581	399	27	489	20	59	94	1,325
9.0 - 10.9	1,677	704	437	33	684	32	87	109	1,292
11.0 - 12.9	1,419	673	415	55	800	36	74	60	1,141
13.0 - 14.9	1,330	661	405	41	876	43	57	66	1,012
15.0 - 16.9	994	547	346	45	915	53	53	55	773
17.0 - 18.9	704	356	263	36	757	52	20	31	645
19.0 - 20.9	463	188	195	19	624	73	15	12	439
21.0 - 28.9	706	225	284	42	893	207	15	21	775
29.0 +	70	42	27	3	139	116	0	3	161
Total	9,780	4,362	3,024	322	6,462	641	414	544	8,706
East total:									
5.0 - 6.9	1,793	1,193	1,495	321	927	1,600	117	674	4,166
7.0 - 8.9	2,545	1,630	2,108	612	1,591	2,580	210	965	5,406
9.0 - 10.9	3,057	1,927	2,335	832	2,284	3,279	292	1,204	5,324
11.0 - 12.9	2,751	1,950	2,147	959	2,893	3,049	313	1,138	4,135
13.0 - 14.9	2,554	1,785	1,862	824	3,158	2,297	294	1,062	3,189
15.0 - 16.9	1,939	1,460	1,470	642	3,306	1,413	218	810	2,243
17.0 - 18.9	1,340	943	1,034	394	2,766	710	126	582	1,605
19.0 - 20.9	891	565	722	277	2,133	414	84	359	1,077
21.0 - 28.9	1,346	702	997	338	3,187	726	71	457	1,832
29.0 +	172	151	186	47	502	403	7	64	501
Total	18,388	12,305	14,356	5,245	22,748	16,472	1,733	7,317	29,478

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 27—Net volume of softwood growing stock on timberland in the Eastern United States by species, subregion, and diameter class, 2002

Subregion and diameter class (in inches)	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other soft-woods
					Million cubic feet					
Northeast:										
5.0 - 6.9	3,738	0	63	207	502	3	1,917	611	0	436
7.0 - 8.9	5,298	0	101	375	864	2	2,375	944	0	637
9.0 - 10.9	5,167	0	121	372	1,097	5	1,946	1,032	0	594
11.0 - 12.9	4,776	0	115	322	1,270	3	1,395	1,145	0	526
13.0 - 14.9	3,908	0	87	208	1,394	1	763	1,098	0	355
15.0 - 16.9	2,856	0	70	107	1,151	0	439	854	0	235
17.0 - 18.9	1,900	0	44	37	942	0	192	561	1	123
19.0 - 20.9	1,286	0	38	17	767	0	78	339	1	47
21.0 - 28.9	2,073	0	19	8	1,439	0	72	503	4	28
29.0 +	474	0	0	0	398	0	0	76	0	0
Total	31,476	0	658	1,653	9,823	14	9,178	7,164	6	2,980
North Central:										
5.0 - 6.9	3,543	0	84	53	585	270	1,425	39	0	1,087
7.0 - 8.9	4,140	0	134	90	944	433	1,265	63	0	1,210
9.0 - 10.9	3,322	0	164	89	831	398	824	107	0	909
11.0 - 12.9	2,377	0	150	64	704	259	474	137	0	590
13.0 - 14.9	1,580	0	110	34	565	121	246	154	1	348
15.0 - 16.9	1,062	0	56	26	451	45	150	157	2	175
17.0 - 18.9	769	0	20	14	401	16	91	135	3	89
19.0 - 20.9	543	0	13	4	335	4	45	100	2	41
21.0 - 28.9	891	0	3	0	640	2	37	168	9	31
29.0 +	177	0	0	0	151	0	0	21	4	1
Total	18,402	0	734	374	5,608	1,547	4,557	1,079	21	4,481
Southeast:										
5.0 - 6.9	6,737	1,682	3,473	961	100	0	3	36	365	118
7.0 - 8.9	9,702	2,222	5,106	1,532	148	0	4	35	557	98
9.0 - 10.9	9,315	1,963	4,773	1,600	180	0	5	34	671	90
11.0 - 12.9	8,039	1,719	4,167	1,211	175	0	7	44	663	53
13.0 - 14.9	6,436	1,401	3,371	802	177	0	2	33	603	47
15.0 - 16.9	4,833	932	2,824	380	199	0	3	45	418	33
17.0 - 18.9	3,082	517	1,877	169	177	0	0	41	286	14
19.0 - 20.9	1,968	255	1,215	79	183	0	0	29	196	12
21.0 - 28.9	2,294	196	1,347	64	319	0	0	67	293	9
29.0 +	353	2	89	2	67	0	1	36	155	1
Total	52,758	10,888	28,242	6,799	1,725	0	24	402	4,205	473

Table 27—(continued).

Subregion and diameter class (in inches)	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other softwoods
					Million cubic feet					
South Central:										
5.0 - 6.9	5,132	409	4,116	237	18	0	0	18	54	279
7.0 - 8.9	7,983	683	6,393	436	21	0	0	24	127	299
9.0 - 10.9	8,348	853	6,550	525	30	0	0	32	153	204
11.0 - 12.9	8,507	915	6,643	505	28	0	0	32	251	133
13.0 - 14.9	7,737	813	6,070	372	48	0	0	32	324	79
15.0 - 16.9	6,320	548	5,087	224	47	0	0	29	348	36
17.0 - 18.9	4,372	329	3,532	116	29	0	0	27	321	20
19.0 - 20.9	2,826	148	2,267	94	56	0	0	28	225	8
21.0 - 28.9	3,619	92	2,754	132	107	0	0	51	479	4
29.0 +	417	7	227	5	28	0	0	11	139	0
Total	55,260	4,799	43,639	2,646	411	0	0	285	2,421	1,061
East total:										
5.0 - 6.9	19,149	2,091	7,737	1,458	1,204	273	3,344	704	419	1,919
7.0 - 8.9	27,123	2,906	11,734	2,432	1,978	435	3,644	1,067	683	2,243
9.0 - 10.9	26,151	2,816	11,608	2,585	2,138	403	2,775	1,205	824	1,796
11.0 - 12.9	23,700	2,634	11,075	2,103	2,177	262	1,876	1,358	914	1,302
13.0 - 14.9	19,660	2,214	9,639	1,416	2,184	122	1,011	1,317	929	828
15.0 - 16.9	15,071	1,480	8,037	737	1,849	45	592	1,086	768	478
17.0 - 18.9	10,123	846	5,473	336	1,549	16	283	764	611	246
19.0 - 20.9	6,622	403	3,532	194	1,341	4	123	496	423	108
21.0 - 28.9	8,876	287	4,123	205	2,504	2	109	789	785	73
29.0 +	1,420	9	316	7	643	0	2	144	297	2
Total	157,896	15,687	73,274	11,472	17,567	1,561	13,759	8,930	6,653	8,994

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 28—Net volume of growing stock on timberland in the Western United States by species, subregion, and diameter class, 2002

			Softwoods							
Subregion and diameter class (in inches)	Total	Total softwoods	Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
					Million cubic feet					
Great Plains:										
5.0 - 6.9	306	129	0	71	0	0	0	0	0	0
7.0 - 8.9	495	267	0	187	0	0	0	0	0	0
9.0 - 10.9	616	348	0	250	0	0	0	0	0	0
11.0 - 12.9	551	309	0	214	0	0	0	0	0	0
13.0 - 14.9	531	291	0	200	0	0	0	0	0	0
15.0 - 16.9	453	240	0	168	0	0	0	0	0	0
17.0 - 18.9	325	138	0	85	0	0	0	0	0	0
19.0 - 20.9	242	89	0	58	0	0	0	0	0	0
21.0 - 28.9	486	69	0	46	0	0	0	0	0	0
29.0 +	255	0	0	0	0	0	0	0	0	0
Total	4,259	1,880	0	1,278	0	0	0	0	0	0
Intermountain:										
5.0 - 6.9	10,272	8,934	1,388	595	1,926	72	0	18	0	0
7.0 - 8.9	16,943	14,914	2,518	1,256	2,573	121	0	38	0	0
9.0 - 10.9	18,561	16,628	3,343	1,780	2,827	121	0	39	0	0
11.0 - 12.9	17,448	16,140	3,816	2,045	2,803	152	0	57	0	0
13.0 - 14.9	14,608	13,841	3,754	2,072	2,368	134	0	89	0	0
15.0 - 16.9	11,997	11,519	3,554	1,823	1,964	100	0	80	0	0
17.0 - 18.9	9,222	9,002	2,920	1,513	1,511	89	0	44	0	0
19.0 - 20.9	7,094	6,966	2,297	1,192	1,120	83	0	41	0	0
21.0 - 28.9	15,179	15,010	4,919	3,102	2,030	159	0	110	0	0
29.0 +	6,075	6,002	1,826	1,449	758	59	0	46	0	0
Total	127,399	118,957	30,336	16,827	19,879	1,091	0	562	0	0
Alaska:										
5.0 - 6.9	1,439	800	0	0	0	258	0	0	0	72
7.0 - 8.9	2,364	1,604	0	0	0	444	0	0	0	146
9.0 - 10.9	2,405	1,941	0	0	0	588	0	0	0	258
11.0 - 12.9	2,580	2,236	0	0	1	713	0	0	0	338
13.0 - 14.9	2,378	2,192	0	0	0	735	0	0	0	402
15.0 - 16.9	2,389	2,182	0	0	0	789	0	0	0	489
17.0 - 18.9	2,095	2,023	0	0	0	783	0	0	0	550
19.0 - 20.9	1,943	1,911	0	0	0	847	0	0	0	543
21.0 - 28.9	6,662	6,547	0	0	3	3,156	0	0	0	2,097
29.0 +	7,743	7,688	0	0	0	2,910	0	0	0	3,745
Total	31,998	29,124	0	0	6	11,224	0	0	0	8,641

Table 28—(continued).

			Softwoods							
Subregion and diameter class (in inches)	**Total**	**Total softwoods**	**Douglas-fir**	**Ponderosa and Jeffrey pines**	**True fir**	**Western hemlock**	**Sugar pine**	**Western white pine**	**Redwood**	**Sitka spruce**
					Million cubic feet					
Pacific Northwest:										
5.0 - 6.9	4,478	3,735	1,211	335	540	607	6	12	0	1
7.0 - 8.9	8,375	6,926	2,540	584	956	1,235	7	18	0	4
9.0 - 10.9	10,943	9,043	3,603	864	1,169	1,645	15	36	1	5
11.0 - 12.9	12,457	10,369	4,418	989	1,369	1,925	18	31	1	9
13.0 - 14.9	12,096	10,403	4,815	1,013	1,316	1,820	15	25	2	9
15.0 - 16.9	11,670	10,247	4,996	946	1,290	1,729	15	28	1	10
17.0 - 18.9	10,700	9,595	4,722	864	1,266	1,560	17	33	3	9
19.0 - 20.9	9,633	8,896	4,522	848	1,210	1,284	18	26	4	9
21.0 - 28.9	28,078	26,700	13,740	2,741	3,574	3,648	97	86	6	39
29.0 +	40,205	39,678	24,889	2,378	3,571	4,319	474	78	15	233
Total	148,635	135,591	69,454	11,563	16,261	19,772	681	372	32	328
Pacific Southwest:										
5.0 - 6.9	1,535	805	298	123	228	3	17	2	40	0
7.0 - 8.9	2,435	1,365	428	250	399	1	34	4	67	0
9.0 - 10.9	3,142	2,019	579	398	607	3	60	7	134	0
11.0 - 12.9	3,468	2,451	641	512	747	5	64	13	169	0
13.0 - 14.9	3,738	2,755	727	563	832	0	86	10	209	0
15.0 - 16.9	3,889	3,072	776	650	914	5	75	9	298	0
17.0 - 18.9	3,900	3,164	777	679	934	3	116	18	284	0
19.0 - 20.9	3,844	3,208	802	660	891	0	128	13	373	0
21.0 - 28.9	12,817	11,187	2,807	2,333	3,036	7	565	60	1,296	0
29.0 +	19,414	18,329	6,656	2,794	4,099	5	1,545	156	1,728	0
Total	58,182	48,355	14,491	8,962	12,687	31	2,691	293	4,599	0
West total:										
5.0 - 6.9	18,029	14,403	2,896	1,123	2,695	941	22	32	40	73
7.0 - 8.9	30,612	25,076	5,486	2,278	3,928	1,800	41	60	67	150
9.0 - 10.9	35,666	29,978	7,524	3,293	4,603	2,357	75	82	135	263
11.0 - 12.9	36,503	31,506	8,875	3,760	4,920	2,795	82	101	170	347
13.0 - 14.9	33,352	29,482	9,296	3,847	4,516	2,689	101	125	211	411
15.0 - 16.9	30,398	27,261	9,326	3,588	4,167	2,624	89	117	299	499
17.0 - 18.9	26,243	23,922	8,418	3,141	3,712	2,435	133	95	287	559
19.0 - 20.9	22,755	21,070	7,622	2,758	3,220	2,215	147	80	377	552
21.0 - 28.9	63,223	59,513	21,466	8,223	8,643	6,970	663	256	1,302	2,136
29.0 +	73,692	71,697	33,371	6,621	8,428	7,293	2,019	279	1,743	3,978
Total	370,472	333,907	114,281	38,630	48,832	32,118	3,373	1,227	4,631	8,969

Table 28—(continued).

	Softwoods — continued						Hardwoods				
Subregion and diameter class (in inches)	Engelmann and other spruces	Western larch	Incense-cedar	Lodgepole pine	Western red-cedar	Other soft-woods	Total hard-woods	Cotton-wood and aspen	Red alder	Oak	Other hard-woods
					Million cubic feet						
Great Plains:											
5.0 - 6.9	4	0	0	0	0	53	177	5	0	1	17
7.0 - 8.9	10	0	0	0	0	70	228	4	0	0	224
9.0 - 10.9	18	0	0	0	0	80	269	4	0	0	265
11.0 - 12.9	13	0	0	0	0	83	241	2	0	0	240
13.0 - 14.9	19	0	0	0	0	72	240	0	0	0	240
15.0 - 16.9	14	0	0	0	0	58	213	0	0	0	213
17.0 - 18.9	7	0	0	0	0	47	187	0	0	0	187
19.0 - 20.9	7	0	0	0	0	24	153	0	0	0	153
21.0 - 28.9	0	0	0	0	0	22	418	0	0	0	418
29.0 +	0	0	0	0	0	0	255	0	0	0	255
Total	92	0	0	0	0	510	2,380	14	0	1	2,364
Intermountain:											
5.0 - 6.9	724	197	0	3,580	199	235	1,338	1,267	0	0	70
7.0 - 8.9	1,337	382	0	6,013	204	471	2,029	1,952	0	0	77
9.0 - 10.9	1,753	503	0	5,476	247	539	1,932	1,880	0	0	52
11.0 - 12.9	2,041	487	1	3,945	236	558	1,308	1,285	0	0	23
13.0 - 14.9	2,093	434	0	2,170	234	492	767	744	0	0	22
15.0 - 16.9	1,932	340	1	1,099	209	417	478	474	0	0	4
17.0 - 18.9	1,643	324	0	510	173	275	220	218	0	0	2
19.0 - 20.9	1,393	234	0	214	158	234	128	128	0	0	0
21.0 - 28.9	2,894	612	1	199	483	501	169	169	0	0	0
29.0 +	814	234	2	18	558	238	73	72	0	0	1
Total	16,623	3,748	4	23,224	2,701	3,961	8,442	8,190	0	1	251
Alaska:											
5.0 - 6.9	382	0	0	3	13	72	639	175	7	0	456
7.0 - 8.9	829	3	0	10	26	146	760	166	14	0	581
9.0 - 10.9	824	0	0	13	42	216	464	111	10	0	343
11.0 - 12.9	812	0	0	14	57	300	343	76	9	0	258
13.0 - 14.9	616	0	0	11	73	355	186	51	9	0	127
15.0 - 16.9	430	0	0	12	79	383	207	47	4	0	156
17.0 - 18.9	225	0	0	5	81	379	72	39	7	0	26
19.0 - 20.9	91	0	0	5	106	319	32	25	0	0	6
21.0 - 28.9	75	0	0	9	306	901	115	98	13	0	4
29.0 +	4	0	0	0	430	600	55	54	0	0	1
Total	4,287	3	0	81	1,213	3,671	2,873	843	73	0	1,957

Table 28—(continued).

	Softwoods — continued						Hardwoods				
Subregion and diameter class (in inches)	Engelmann and other spruces	Western larch	Incense-cedar	Lodgepole pine	Western redcedar	Other softwoods	Total hardwoods	Cottonwood and aspen	Red alder	Oak	Other hardwoods
	Million cubic feet										
Pacific Northwest:											
5.0 - 6.9	70	94	20	669	127	42	743	15	375	41	312
7.0 - 8.9	118	170	30	938	227	100	1,449	34	865	44	506
9.0 - 10.9	190	240	33	843	248	152	1,900	65	1,195	60	580
11.0 - 12.9	232	249	30	634	286	179	2,088	68	1,410	54	556
13.0 - 14.9	243	252	28	404	286	175	1,694	44	1,119	66	465
15.0 - 16.9	260	233	39	227	275	197	1,422	65	941	41	375
17.0 - 18.9	247	230	25	145	280	195	1,105	62	667	48	328
19.0 - 20.9	230	187	40	70	266	180	737	70	374	28	265
21.0 - 28.9	559	436	145	63	983	585	1,378	206	530	63	579
29.0 +	667	146	334	9	2,056	511	527	112	60	32	323
Total	2,817	2,236	723	4,001	5,034	2,317	13,044	739	7,536	479	4,289
Pacific Southwest:											
5.0 - 6.9	1	0	71	15	0	9	730	2	17	376	335
7.0 - 8.9	0	0	119	47	1	15	1,070	5	41	549	475
9.0 - 10.9	1	0	126	76	0	28	1,123	8	56	565	495
11.0 - 12.9	0	0	174	92	0	32	1,017	7	38	485	488
13.0 - 14.9	4	0	178	110	0	36	983	7	28	472	476
15.0 - 16.9	4	0	197	115	0	30	816	12	12	373	419
17.0 - 18.9	0	0	205	104	0	43	737	2	5	364	366
19.0 - 20.9	3	0	185	111	0	41	636	5	10	282	339
21.0 - 28.9	10	0	664	310	0	98	1,630	19	15	818	778
29.0 +	14	0	964	215	0	153	1,085	5	8	648	424
Total	37	0	2,884	1,195	1	485	9,826	71	230	4,932	4,594
West total:											
5.0 - 6.9	1,182	291	91	4,267	338	412	3,626	1,464	399	418	1,345
7.0 - 8.9	2,294	555	149	7,007	459	803	5,536	2,160	921	593	1,862
9.0 - 10.9	2,785	743	159	6,407	538	1,015	5,688	2,067	1,261	626	1,734
11.0 - 12.9	3,099	736	205	4,684	578	1,152	4,997	1,438	1,456	539	1,564
13.0 - 14.9	2,975	686	206	2,695	593	1,130	3,869	846	1,155	539	1,330
15.0 - 16.9	2,640	573	237	1,453	563	1,085	3,137	598	958	415	1,167
17.0 - 18.9	2,121	554	229	765	534	939	2,320	321	679	412	908
19.0 - 20.9	1,723	422	225	401	530	798	1,685	228	384	310	763
21.0 - 28.9	3,538	1,048	810	580	1,772	2,107	3,710	492	559	881	1,778
29.0 +	1,499	380	1,300	242	3,044	1,501	1,995	243	67	680	1,004
Total	23,856	5,987	3,611	28,501	8,949	10,943	36,565	9,857	7,839	5,414	13,456

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 29—Net volume of growing stock on planted and natural timberland in the Eastern and Western United States by forest type group and major ownership group, 2002

	All ownership groups			Public ownerships			Private ownerships		
Forest type group[a]	**Total**	**Planted**	**Natural**	**Total**	**Planted**	**Natural**	**Total**	**Planted**	**Natural**
				Million cubic feet					
North:									
White-red-jack pine	19,314	4,189	14,914	4,758	1,849	2,812	14,556	2,340	12,102
Spruce-fir	17,259	478	16,576	4,805	228	4,514	12,455	250	12,062
Longleaf-slash pine	0	0	0	0	0	0	0	0	0
Loblolly-shortleaf pine	2,214	357	1,857	727	142	585	1,486	215	1,272
Oak-pine	4,844	320	4,523	774	95	679	4,070	226	3,844
Oak-hickory	67,861	239	67,309	11,283	55	11,138	56,578	184	56,171
Oak-gum-cypress	1,000	11	989	167	11	156	834	0	834
Elm-ash-cottonwood	11,290	89	11,148	2,143	20	2,106	9,147	69	9,042
Maple-beech-birch	76,029	226	74,390	14,365	80	13,940	61,663	147	60,450
Aspen-birch	17,804	57	17,126	6,458	15	6,254	11,345	42	10,872
Nonstocked	14	0	12	6	0	5	8	0	7
North total:	217,628	5,966	208,845	45,486	2,494	42,190	172,142	3,473	166,655
South:									
White-red-jack pine	1,808	259	1,549	536	52	484	1,272	208	1,065
Spruce-fir	16	0	16	7	0	7	9	0	9
Longleaf-slash pine	13,621	6,026	7,595	3,169	561	2,608	10,452	5,465	4,987
Loblolly-shortleaf pine	68,152	21,174	46,978	9,331	1,350	7,981	58,820	19,824	38,996
Oak-pine	33,646	1,796	31,851	4,963	179	4,784	28,683	1,617	27,067
Oak-hickory	97,016	392	96,624	12,946	47	12,899	84,069	344	83,725
Oak-gum-cypress	48,378	51	48,327	5,925	0	5,925	42,453	50	42,403
Elm-ash-cottonwood	3,594	47	3,546	478	0	478	3,115	47	3,068
Maple-beech-birch	1,722	2	1,719	331	0	331	1,390	2	1,388
Aspen-birch	0	0	0	0	0	0	0	0	0
Nonstocked	12	1	11	1	0	1	12	1	11
South total:	267,965	29,749	238,216	37,688	2,189	35,498	230,277	27,559	202,718
Western[b]:									
Douglas-fir	107,187	[b]	[b]	77,029	[b]	[b]	30,157	[b]	[b]
Ponderosa pine	40,401	[b]	[b]	20,660	[b]	[b]	19,742	[b]	[b]
Western white pine	318	[b]	[b]	273	[b]	[b]	46	[b]	[b]
Fir-spruce	68,394	[b]	[b]	59,882	[b]	[b]	8,511	[b]	[b]
Hemlock-Sitka spruce	56,190	[b]	[b]	42,953	[b]	[b]	13,237	[b]	[b]
Larch	3,059	[b]	[b]	2,327	[b]	[b]	732	[b]	[b]
Lodgepole pine	27,467	[b]	[b]	24,047	[b]	[b]	3,421	[b]	[b]
Redwood	4,990	[b]	[b]	634	[b]	[b]	4,356	[b]	[b]
Other softwoods	21,205	[b]	[b]	20,835	[b]	[b]	369	[b]	[b]
Western hardwoods	40,639	[b]	[b]	18,593	[b]	[b]	22,046	[b]	[b]
Pinyon-juniper	347	[b]	[b]	230	[b]	[b]	117	[b]	[b]
Nonstocked	267	[b]	[b]	111	[b]	[b]	156	[b]	[b]
Western total:	370,464	[b]	[b]	267,574	[b]	[b]	102,890	[b]	[b]
United States:	856,057	[b]	[b]	350,748	[b]	[b]	505,309	[b]	[b]

[a] Forest type reflects the current dominant species by plurality of stocking and may not reflect the actual species planted at the time of stand origin.

[b] Approximately 13.6 million acres of forest in the West are planted, primarily to augment natural regeneration after a harvest and ensure adequate stocking of desired species. The species planted are usually native, making these stands difficult to detect during field sampling. Additionally, there are thousands of acres of more traditional plantations such as those found in the East that are not currently identified during field sampling. Refer to the text accompanying this report for a discussion of planted forest in the West.

Note: Data may not add to totals because of rounding.

Table 30—Net volume of softwood growing stock on timberland in the United States by diameter class, region, and subregion, 2002, 1997, 1987, 1977, and 1953

			Diameter class (Inches)									
Region and subregion	Year	Total	5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
						Million cubic feet						
North:												
Northeast	2002	31,476	3,738	5,298	5,167	4,776	3,908	2,856	1,900	1,286	2,073	474
	1997	30,945	3,744	5,318	5,133	4,751	3,810	2,783	1,827	1,227	1,935	417
	1987	31,609	4,751	6,404	6,043	4,919	3,351	2,288	1,426	904	1,291	232
	1977	30,991	7,639	7,255	5,431	3,877	2,547	1,711	1,018	607	767	138
	1953	20,028	4,628	4,734	3,147	2,498	1,791	1,190	721	527	702	90
North Central	2002	18,402	3,543	4,140	3,322	2,377	1,580	1,062	769	543	891	177
	1997	18,431	3,571	4,149	3,316	2,374	1,579	1,058	772	542	893	178
	1987	16,009	3,429	3,816	2,939	1,964	1,285	865	609	426	598	81
	1977	12,859	3,163	3,103	2,190	1,430	949	695	491	315	461	60
	1953	7,025	1,802	1,592	1,167	862	516	348	261	161	274	41
North total:	2002	49,878	7,281	9,438	8,488	7,153	5,487	3,918	2,669	1,829	2,963	651
	1997	49,376	7,314	9,467	8,449	7,125	5,389	3,841	2,599	1,769	2,828	595
	1987	47,618	8,180	10,220	8,982	6,883	4,636	3,153	2,035	1,330	1,889	313
	1977	43,850	10,802	10,358	7,621	5,307	3,496	2,406	1,509	922	1,228	198
	1953	27,053	6,430	6,326	4,314	3,360	2,307	1,538	982	688	976	131
South:												
Southeast	2002	52,758	6,737	9,702	9,315	8,039	6,436	4,833	3,082	1,968	2,294	353
	1997	51,861	6,621	9,358	9,146	8,043	6,447	4,732	3,032	1,888	2,293	301
	1987	52,619	6,483	9,420	9,878	8,847	6,834	4,544	2,886	1,640	1,845	242
	1977	51,008	6,929	9,384	9,780	8,535	6,467	4,337	2,500	1,408	1,487	181
	1953	35,548	4,547	6,776	7,473	6,574	4,265	2,550	1,464	805	969	125
South Central	2002	55,260	5,132	7,983	8,348	8,507	7,737	6,320	4,372	2,826	3,619	417
	1997	52,985	4,772	7,530	8,014	8,364	7,602	6,117	4,172	2,677	3,344	393
	1987	52,994	4,765	7,521	8,985	8,978	7,515	5,788	3,885	2,418	2,844	298
	1977	50,200	5,178	7,691	8,771	8,451	6,923	5,126	3,406	2,082	2,340	232
	1953	24,914	2,596	3,834	4,554	4,338	3,473	2,556	1,645	886	910	122
South total:	2002	108,018	11,868	17,685	17,663	16,546	14,173	11,153	7,454	4,794	5,913	769
	1997	104,846	11,393	16,888	17,160	16,407	14,049	10,849	7,204	4,564	5,637	694
	1987	105,613	11,248	16,941	18,863	17,825	14,349	10,332	6,771	4,058	4,689	540
	1977	101,208	12,107	17,075	18,551	16,986	13,390	9,463	5,906	3,490	3,827	413
	1953	60,462	7,143	10,610	12,027	10,912	7,738	5,106	3,109	1,691	1,879	247
Rocky Mountain:												
Great Plains	2002	1,880	129	267	348	309	291	240	138	89	69	0
	1997	1,563	145	267	271	266	221	157	107	64	63	2
	1987	1,912	162	278	334	339	285	215	156	74	69	1
	1977	1,799	147	267	324	315	263	195	130	83	72	2
	1953	1,309	68	132	174	197	177	176	136	111	131	8
Intermountain	2002	118,957	8,934	14,914	16,628	16,140	13,841	11,519	9,002	6,966	15,010	6,002
	1997	113,118	9,164	14,678	15,933	15,176	12,897	10,605	8,428	6,485	14,056	5,695
	1987	98,386	8,639	12,318	13,388	12,425	10,685	8,957	7,142	5,603	13,161	6,074
	1977	93,318	9,383	11,772	11,883	10,950	9,682	8,172	6,912	5,681	13,305	5,580
	1953	86,237	8,573	8,455	8,956	8,968	8,542	7,858	6,884	5,886	14,935	7,178

Table 30—(continued).

Region and subregion	Year	Total	Diameter class (Inches)									
			5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
			Million cubic feet									
Rocky Mountain total:	2002	120,837	9,063	15,180	16,976	16,449	14,132	11,760	9,141	7,055	15,079	6,002
	1997	114,681	9,309	14,945	16,204	15,442	13,118	10,762	8,535	6,549	14,120	5,697
	1987	100,298	8,801	12,596	13,722	12,764	10,970	9,172	7,298	5,677	13,230	6,075
	1977	95,111	9,529	12,038	12,206	11,264	9,944	8,366	7,041	5,763	13,376	5,581
	1953	87,546	8,641	8,587	9,130	9,165	8,719	8,034	7,020	5,997	15,066	7,186
Pacific Coast:												
Alaska	2002	29,124	800	1,604	1,941	2,236	2,192	2,182	2,023	1,911	6,547	7,688
	1997	29,810	743	1,538	1,830	2,044	2,162	1,995	2,052	2,008	6,908	8,530
	1987	37,051	956	1,934	2,394	2,705	2,675	2,662	2,750	2,506	8,797	9,670
	1977	48,277	1,346	1,849	2,754	3,521	3,996	4,116	3,685	3,424	11,547	12,042
	1953	49,149	1,103	1,495	2,279	3,097	3,619	3,963	3,792	3,624	12,414	13,764
Pacific Northwest	2002	135,591	3,735	6,926	9,043	10,369	10,403	10,247	9,595	8,896	26,700	39,678
	1997	135,969	3,767	6,983	9,101	10,397	10,471	10,273	9,629	8,884	26,732	39,732
	1987	130,684	4,154	7,662	9,780	10,863	10,636	10,266	9,527	8,533	24,926	34,337
	1977	132,535	5,821	7,235	8,235	8,800	8,719	8,682	8,493	7,859	26,299	42,392
	1953	149,574	4,264	5,593	6,366	7,370	7,242	8,090	7,844	7,967	29,507	65,331
Pacific Southwest	2002	48,355	805	1,365	2,019	2,451	2,755	3,072	3,164	3,208	11,187	18,329
	1997	49,172	820	1,444	2,064	2,462	2,676	3,070	3,134	3,201	11,369	18,931
	1987	46,311	891	1,417	1,754	2,135	2,383	2,627	2,791	2,664	10,222	19,429
	1977	45,979	769	1,259	1,613	1,885	2,213	2,387	2,456	2,511	10,016	20,870
	1953	58,010	766	1,245	1,603	1,835	2,055	2,160	2,269	2,282	10,141	33,654
Pacific Coast total:	2002	213,070	5,341	9,895	13,002	15,056	15,350	15,502	14,782	14,015	44,434	65,695
	1997	214,951	5,330	9,966	12,994	14,903	15,309	15,339	14,815	14,093	45,009	67,193
	1987	214,046	6,001	11,013	13,928	15,703	15,694	15,555	15,068	13,703	43,945	63,436
	1977	226,791	7,936	10,343	12,602	14,206	14,928	15,185	14,634	13,794	47,862	75,304
	1953	256,733	6,133	8,333	10,248	12,302	12,916	14,213	13,905	13,873	52,062	112,749
United States:	2002	491,803	33,552	52,199	56,129	55,206	49,142	42,332	34,045	27,692	68,389	73,117
	1997	483,854	33,346	51,266	54,808	53,877	47,865	40,791	33,153	26,975	67,593	74,179
	1987	467,575	34,230	50,770	55,495	53,175	45,649	38,212	31,172	24,768	63,753	70,364
	1977	466,960	40,374	49,812	50,980	47,763	41,758	35,419	29,089	23,968	66,295	81,495
	1953	431,794	28,346	33,857	35,719	35,737	31,679	28,892	25,016	22,248	69,981	120,314

Note: Data may not add to totals because of rounding. Total volume by subregion in this table may differ slightly from total volume by subregion in other tables because of rounding.

Table 31—Net volume of hardwood growing stock on timberland in the United States by diameter class, region, and subregion, 2002, 1997, 1987, 1977, and 1953

			Diameter class (Inches)									
Region and subregion	Year	Total	5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
						Million cubic feet						
North:												
Northeast	2002	92,191	7,929	13,139	15,694	14,337	12,344	9,436	6,497	4,408	6,769	1,639
	1997	90,234	8,137	13,420	15,604	14,110	12,048	9,054	6,165	4,145	6,160	1,391
	1987	80,524	9,280	13,288	14,328	12,619	10,359	7,344	5,022	3,090	4,402	794
	1977	67,320	10,488	12,220	12,275	9,872	7,790	5,458	3,558	2,240	2,968	451
	1953	43,197	6,926	7,703	7,332	5,712	4,652	3,578	2,532	1,660	2,709	395
North Central	2002	75,555	7,325	10,501	12,198	11,386	9,813	7,580	5,450	3,675	6,093	1,535
	1997	74,640	7,436	10,575	12,210	11,341	9,678	7,475	5,305	3,499	5,798	1,323
	1987	61,896	8,177	10,121	10,432	9,074	7,103	5,452	3,829	2,604	4,076	1,028
	1977	51,838	7,773	9,665	9,338	7,414	5,925	4,203	2,775	1,753	2,468	521
	1953	33,498	4,766	5,925	6,037	4,359	3,630	2,705	1,928	1,319	2,401	428
North total:	2002	167,746	15,253	23,640	27,892	25,724	22,157	17,016	11,947	8,083	12,861	3,174
	1997	164,874	15,573	23,995	27,814	25,451	21,726	16,529	11,471	7,644	11,958	2,714
	1987	142,420	17,457	23,409	24,760	21,693	17,462	12,796	8,851	5,694	8,478	1,822
	1977	119,158	18,261	21,885	21,613	17,286	13,715	9,661	6,333	3,993	5,436	972
	1953	76,695	11,692	13,628	13,369	10,071	8,282	6,283	4,460	2,979	5,110	823
South:												
Southeast	2002	71,244	5,514	7,805	9,525	10,139	9,669	8,430	6,387	4,688	7,441	1,647
	1997	71,124	5,598	7,861	9,542	10,208	9,781	8,365	6,387	4,613	7,219	1,550
	1987	68,154	5,963	8,156	9,556	10,345	9,516	7,805	5,787	3,815	5,947	1,264
	1977	60,691	6,005	8,037	9,192	9,239	8,346	6,500	4,616	2,985	4,766	1,005
	1953	41,533	3,558	5,218	6,391	6,315	5,900	4,309	3,293	2,226	3,603	720
South Central	2002	88,703	6,832	10,117	12,316	12,075	11,838	10,253	7,965	5,754	9,523	2,031
	1997	80,392	6,605	9,823	11,838	11,180	10,815	8,941	6,848	4,877	7,807	1,657
	1987	70,874	7,385	9,914	11,340	10,493	9,487	7,505	5,295	3,430	5,129	891
	1977	61,474	7,426	8,978	9,843	8,852	8,019	6,404	4,380	2,782	4,055	733
	1953	46,475	4,529	6,170	7,308	7,028	6,304	4,901	3,553	2,354	3,739	589
South total:	2002	159,947	12,346	17,922	21,841	22,214	21,508	18,683	14,352	10,441	16,964	3,677
	1997	151,516	12,202	17,684	21,380	21,389	20,596	17,306	13,235	9,490	15,026	3,207
	1987	139,028	13,348	18,070	20,896	20,838	19,003	15,310	11,082	7,245	11,076	2,155
	1977	122,165	13,431	17,015	19,035	18,091	16,365	12,904	8,996	5,767	8,821	1,738
	1953	88,008	8,087	11,388	13,699	13,343	12,204	9,210	6,846	4,580	7,342	1,309
Rocky Mountain:												
Great Plains	2002	2,380	177	228	269	241	240	213	187	153	418	255
	1997	2,368	175	225	265	240	239	212	187	153	418	255
	1987	1,468	168	158	177	148	136	116	96	82	230	161
	1977	1,273	133	149	169	155	136	114	90	76	230	21
	1953	1,098	92	130	139	106	121	113	97	78	199	22
Intermountain	2002	8,442	1,338	2,029	1,932	1,308	767	478	220	128	169	73
	1997	8,250	1,462	1,933	1,837	1,222	750	439	216	139	178	74
	1987	6,213	1,086	1,423	1,424	888	550	317	167	124	163	75
	1977	4,865	797	1,164	1,007	738	462	278	175	95	133	14
	1953	3,976	444	802	817	660	467	298	188	114	158	25

Table 31—(continued).

Region and subregion	Year	Total	Diameter class (Inches)									
			5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
			Million cubic feet									
Rocky Mountain total:	2002	10,822	1,515	2,257	2,201	1,549	1,007	691	407	281	587	328
	1997	10,618	1,636	2,158	2,103	1,461	989	652	402	292	596	328
	1987	7,681	1,254	1,581	1,601	1,036	686	433	263	206	393	236
	1977	6,138	930	1,313	1,176	893	598	392	265	171	363	35
	1953	5,074	536	932	956	766	588	411	285	192	357	47
Pacific Coast:												
Alaska	2002	2,873	639	760	464	343	186	207	72	32	115	55
	1997	3,145	583	710	466	359	224	281	124	102	233	63
	1987	4,209	664	1,030	675	562	335	337	187	135	216	70
	1977	4,222	616	915	744	416	373	304	203	148	313	190
	1953	4,189	610	874	720	407	370	305	208	155	335	205
Pacific Northwest	2002	13,044	743	1,449	1,900	2,088	1,694	1,422	1,105	737	1,378	527
	1997	13,049	742	1,454	1,905	2,083	1,698	1,417	1,113	731	1,380	524
	1987	13,005	826	1,567	2,079	2,116	1,813	1,364	1,020	633	1,151	438
	1977	10,522	1,199	1,475	1,594	1,520	1,299	971	762	511	924	267
	1953	7,076	1,037	1,062	1,049	961	807	529	458	321	671	187
Pacific Southwest	2002	9,826	730	1,070	1,123	1,017	983	816	737	636	1,630	1,085
	1997	8,613	641	892	876	948	882	704	661	583	1,548	879
	1987	7,740	551	798	823	781	750	699	626	485	1,412	819
	1977	3,891	254	411	415	391	368	365	299	266	720	402
	1953	3,048	193	320	250	281	301	257	242	203	536	466
Pacific Coast total:	2002	25,743	2,112	3,279	3,487	3,448	2,862	2,446	1,913	1,405	3,123	1,667
	1997	24,808	1,966	3,055	3,247	3,391	2,804	2,403	1,899	1,416	3,162	1,466
	1987	24,954	2,041	3,395	3,577	3,459	2,898	2,400	1,833	1,253	2,779	1,327
	1977	18,635	2,069	2,801	2,753	2,327	2,040	1,640	1,264	925	1,957	859
	1953	14,313	1,840	2,256	2,019	1,649	1,478	1,091	908	679	1,542	858
United States:	2002	364,259	31,225	47,098	55,420	52,935	47,534	38,836	28,619	20,209	33,535	8,846
	1997	351,815	31,377	46,892	54,544	51,692	46,115	36,890	27,006	18,843	30,742	7,715
	1987	314,083	34,100	46,455	50,834	47,026	40,049	30,939	22,029	14,398	22,726	5,540
	1977	266,096	34,691	43,014	44,577	38,597	32,718	24,597	16,858	10,856	16,577	3,604
	1953	184,090	22,155	28,204	30,043	25,829	22,552	16,995	12,499	8,430	14,351	3,037

Note: Data may not add to totals because of rounding. Total volume by subregion in this table may differ slightly from total volume by subregion in other tables because of rounding.

Table 32—Net volume of growing stock on timberland in the United States by diameter class, region, and subregion, 2002, 1997, 1987, 1977, and 1953

			Diameter class (Inches)									
Region and subregion	**Year**	**Total**	**5.0 to 6.9**	**7.0 to 8.9**	**9.0 to 10.9**	**11.0 to 12.9**	**13.0 to 14.9**	**15.0 to 16.9**	**17.0 to 18.9**	**19.0 to 20.9**	**21.0 to 28.9**	**29.0+**
			Million cubic feet									
North:												
Northeast	2002	123,667	11,667	18,437	20,860	19,113	16,251	12,293	8,397	5,694	8,841	2,113
	1997	121,179	11,880	18,738	20,738	18,862	15,858	11,838	7,992	5,372	8,094	1,808
	1987	112,133	14,031	19,692	20,371	17,538	13,710	9,632	6,448	3,994	5,693	1,026
	1977	98,311	18,127	19,475	17,706	13,749	10,337	7,169	4,576	2,847	3,735	589
	1953	63,225	11,554	12,437	10,479	8,210	6,443	4,768	3,253	2,187	3,411	485
North Central	2002	93,957	10,867	14,641	15,519	13,764	11,393	8,642	6,219	4,217	6,983	1,712
	1997	93,072	11,007	14,724	15,526	13,714	11,257	8,533	6,078	4,042	6,691	1,501
	1987	77,905	11,606	13,937	13,371	11,038	8,388	6,317	4,438	3,030	4,674	1,109
	1977	64,697	10,936	12,768	11,528	8,844	6,874	4,898	3,266	2,068	2,929	581
	1953	40,523	6,568	7,517	7,204	5,221	4,146	3,053	2,189	1,480	2,675	469
North total:	2002	217,625	22,534	33,078	36,380	32,877	27,644	20,935	14,616	9,911	15,825	3,824
	1997	214,251	22,887	33,462	36,264	32,576	27,115	20,371	14,070	9,413	14,785	3,308
	1987	190,038	25,637	33,629	33,742	28,576	22,098	15,949	10,886	7,024	10,367	2,135
	1977	163,008	29,063	32,243	29,234	22,593	17,211	12,067	7,842	4,915	6,664	1,170
	1953	103,748	18,122	19,954	17,683	13,431	10,589	7,821	5,442	3,667	6,086	954
South:												
Southeast	2002	124,001	12,250	17,507	18,840	18,178	16,105	13,263	9,469	6,655	9,736	1,999
	1997	122,985	12,218	17,219	18,688	18,252	16,229	13,097	9,419	6,500	9,512	1,850
	1987	120,773	12,446	17,576	19,434	19,192	16,350	12,349	8,673	5,455	7,792	1,506
	1977	111,699	12,934	17,421	18,972	17,774	14,813	10,837	7,116	4,393	6,253	1,186
	1953	77,081	8,105	11,994	13,864	12,889	10,165	6,859	4,757	3,031	4,572	845
South Central	2002	143,964	11,964	18,100	20,664	20,582	19,576	16,573	12,337	8,580	13,141	2,448
	1997	133,377	11,377	17,353	19,852	19,544	18,417	15,058	11,020	7,554	11,151	2,051
	1987	123,868	12,150	17,435	20,325	19,471	17,002	13,293	9,180	5,848	7,973	1,189
	1977	111,674	12,604	16,669	18,614	17,303	14,942	11,530	7,786	4,864	6,395	965
	1953	71,389	7,125	10,004	11,862	11,366	9,777	7,457	5,198	3,240	4,649	711
South total:	2002	267,965	24,214	35,607	39,504	38,760	35,681	29,835	21,806	15,235	22,877	4,447
	1997	256,361	23,595	34,572	38,540	37,796	34,645	28,155	20,439	14,054	20,664	3,901
	1987	244,641	24,596	35,011	39,759	38,663	33,352	25,642	17,853	11,303	15,765	2,695
	1977	223,373	25,538	34,090	37,586	35,077	29,755	22,367	14,902	9,257	12,648	2,151
	1953	148,470	15,230	21,998	25,726	24,255	19,942	14,316	9,955	6,271	9,221	1,556
Rocky Mountain:												
Great Plains	2002	4,259	306	495	616	551	531	453	325	242	486	255
	1997	3,931	320	492	536	506	460	369	294	217	481	257
	1987	3,380	330	436	511	487	421	331	252	156	299	162
	1977	3,072	280	416	493	470	399	309	220	159	302	23
	1953	2,407	160	262	313	303	298	289	233	189	330	30
Intermountain	2002	127,399	10,272	16,943	18,561	17,448	14,608	11,997	9,222	7,094	15,179	6,075
	1997	121,368	10,626	16,611	17,770	16,397	13,647	11,044	8,644	6,625	14,235	5,769
	1987	104,599	9,725	13,741	14,812	13,313	11,235	9,274	7,309	5,727	13,324	6,149
	1977	98,183	10,180	12,936	12,890	11,688	10,144	8,450	7,087	5,776	13,438	5,594
	1953	90,213	9,017	9,257	9,773	9,628	9,009	8,156	7,072	6,000	15,093	7,203

Table 32—(continued).

			Diameter class (Inches)									
Region and subregion	**Year**	**Total**	**5.0 to 6.9**	**7.0 to 8.9**	**9.0 to 10.9**	**11.0 to 12.9**	**13.0 to 14.9**	**15.0 to 16.9**	**17.0 to 18.9**	**19.0 to 20.9**	**21.0 to 28.9**	**29.0+**
						Million cubic feet						
Rocky Mountain total:	2002	131,658	10,577	17,437	19,177	17,999	15,139	12,450	9,547	7,336	15,665	6,330
	1997	125,299	10,945	17,103	18,306	16,903	14,107	11,414	8,938	6,842	14,716	6,026
	1987	107,979	10,055	14,177	15,323	13,800	11,656	9,605	7,561	5,883	13,623	6,311
	1977	101,255	10,460	13,352	13,383	12,158	10,543	8,759	7,307	5,935	13,740	5,617
	1953	92,620	9,177	9,519	10,086	9,931	9,307	8,445	7,305	6,189	15,423	7,233
Pacific Coast:												
Alaska	2002	31,998	1,439	2,364	2,405	2,580	2,378	2,389	2,095	1,943	6,662	7,743
	1997	32,955	1,326	2,248	2,296	2,403	2,387	2,277	2,175	2,110	7,141	8,593
	1987	41,260	1,620	2,964	3,069	3,267	3,010	2,999	2,937	2,641	9,013	9,740
	1977	52,499	1,962	2,764	3,498	3,937	4,369	4,420	3,888	3,572	11,860	12,232
	1953	53,338	1,713	2,369	2,999	3,504	3,989	4,268	4,000	3,779	12,749	13,969
Pacific Northwest	2002	148,635	4,478	8,375	10,943	12,457	12,096	11,670	10,700	9,633	28,078	40,205
	1997	149,018	4,509	8,438	11,006	12,480	12,169	11,690	10,743	9,615	28,112	40,256
	1987	143,698	4,979	9,230	11,859	12,989	12,450	11,630	10,546	9,166	26,077	34,775
	1977	143,057	7,020	8,710	9,829	10,320	10,018	9,653	9,255	8,370	27,223	42,659
	1953	156,650	5,301	6,655	7,415	8,331	8,049	8,619	8,302	8,288	30,178	65,518
Pacific Southwest	2002	58,182	1,535	2,435	3,142	3,468	3,738	3,889	3,900	3,844	12,817	19,414
	1997	57,785	1,461	2,336	2,939	3,411	3,557	3,775	3,795	3,784	12,917	19,810
	1987	54,051	1,442	2,215	2,577	2,916	3,133	3,326	3,417	3,149	11,634	20,248
	1977	49,870	1,023	1,670	2,028	2,276	2,581	2,752	2,755	2,777	10,736	21,272
	1953	61,058	959	1,565	1,853	2,116	2,356	2,417	2,511	2,485	10,677	34,120
Pacific Coast total:	2002	238,814	7,452	13,175	16,489	18,504	18,213	17,948	16,695	15,419	47,557	67,361
	1997	239,758	7,296	13,022	16,241	18,294	18,113	17,742	16,713	15,509	48,170	68,659
	1987	239,009	8,041	14,409	17,505	19,172	18,593	17,955	16,900	14,956	46,724	64,763
	1977	245,426	10,005	13,144	15,355	16,533	16,968	16,825	15,898	14,719	49,819	76,163
	1953	271,046	7,973	10,589	12,267	13,951	14,394	15,304	14,813	14,552	53,604	113,607
United States:	2002	856,062	64,778	99,297	111,549	108,141	96,677	81,168	62,665	47,902	101,924	81,963
	1997	835,669	64,723	98,158	109,352	105,569	93,981	77,681	60,159	45,818	98,335	81,894
	1987	781,667	68,329	97,226	106,329	100,211	85,699	69,151	53,200	39,166	86,479	75,904
	1977	733,062	75,066	92,829	95,558	86,361	74,477	60,018	45,949	34,826	82,871	85,101
	1953	615,884	50,502	62,060	65,762	61,568	54,232	45,886	37,515	30,679	84,334	123,350

Note: Data may not add to totals because of rounding. Total volume by subregion in this table may differ slightly from total volume by subregion in other tables because of rounding.

Table 33—Annual mortality of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2001, 1996, 1986, 1976, and 1952

Region, subregion, and species group	All owners					National forest					Other public[a]				
	2001	1996	1986	1976	1952	2001	1996	1986	1976	1952	2001	1996	1986	1976	1952
								Thousand cubic feet							
North:															
Northeast:															
Softwoods	274,607	273,609	257,140	191,544	150,800	7,705	7,549	5,393	1,746	3,570	18,814	16,790	14,875	10,561	6,911
Hardwoods	535,577	514,142	418,217	356,773	248,200	27,500	26,217	15,518	10,823	9,810	82,359	73,113	51,156	33,580	21,982
Total	810,272	787,750	675,357	548,317	399,000	35,201	33,766	20,911	12,569	13,380	101,155	89,902	66,031	44,141	28,893
North Central:															
Softwoods	182,572	181,907	110,926	132,777	64,834	32,998	32,973	19,836	21,732	16,214	60,390	60,153	41,299	36,930	19,644
Hardwoods	690,051	658,116	456,852	467,451	226,384	55,800	55,959	44,034	36,115	18,417	124,715	121,076	87,701	102,796	38,737
Total	872,899	840,022	567,778	600,228	291,218	88,850	88,932	63,870	57,847	34,631	185,176	181,229	129,000	139,726	58,381
North total:															
Softwoods	457,179	455,516	368,066	324,321	215,634	40,704	40,522	25,229	23,478	19,784	79,204	76,943	56,174	47,491	26,555
Hardwoods	1,225,628	1,172,257	875,069	824,224	474,584	83,300	82,176	59,552	46,938	28,227	207,074	194,189	138,857	136,376	60,719
Total	1,683,171	1,627,773	1,243,135	1,148,545	690,218	124,051	122,698	84,781	70,416	48,011	286,331	271,132	195,031	183,867	87,274
South:															
Southeast:															
Softwoods	451,263	629,975	489,320	416,000	234,700	34,841	58,533	30,147	21,447	11,800	33,125	41,084	26,081	18,553	11,100
Hardwoods	535,766	603,553	371,125	286,783	283,800	48,325	53,034	35,262	24,358	18,600	31,795	31,725	14,171	13,018	6,300
Total	987,000	1,233,528	860,445	702,783	518,500	83,176	111,567	65,409	45,805	30,400	64,921	72,809	40,252	31,571	17,400
South Central:															
Softwoods	467,255	405,829	351,451	216,201	98,700	47,226	34,270	29,491	19,769	12,132	19,621	17,169	11,919	6,983	3,000
Hardwoods	622,344	596,714	460,976	359,267	355,200	38,791	28,680	18,285	14,497	12,227	52,257	50,648	30,302	18,081	8,359
Total	1,089,498	1,002,543	812,427	575,468	453,900	86,022	62,950	47,776	34,266	24,359	71,871	67,817	42,221	25,064	11,359
South total:															
Softwoods	918,519	1,035,804	840,771	632,201	333,400	82,067	92,803	59,638	41,216	23,932	52,746	58,253	38,000	25,536	14,100
Hardwoods	1,158,110	1,200,267	832,101	646,050	639,000	87,116	81,714	53,547	38,855	30,827	84,052	82,373	44,473	31,099	14,659
Total	2,076,498	2,236,071	1,672,872	1,278,251	972,400	169,198	174,517	113,185	80,071	54,759	136,792	140,626	82,473	56,635	28,759
Rocky Mountain:															
Great Plains:															
Softwoods	6,896	9,563	7,033	3,940	3,300	3,968	6,857	4,483	3,543	3,025	692	666	38	130	59
Hardwoods	38,146	38,025	7,803	29,312	24,730	241	245	61	0	0	2,958	2,902	474	4,379	3,896
Total	45,086	47,587	14,836	33,252	28,030	4,215	7,102	4,544	3,543	3,025	3,648	3,568	512	4,509	3,955
Intermountain:															
Softwoods	1,012,139	889,962	487,864	454,779	565,300	838,061	708,911	365,637	270,479	388,200	55,731	55,212	51,122	66,643	66,354
Hardwoods	99,806	103,244	42,628	39,160	34,600	65,726	70,177	22,143	17,860	17,200	4,442	4,036	4,082	6,709	5,443
Total	1,111,941	993,206	530,492	493,939	599,900	903,759	779,088	387,780	288,339	405,400	60,171	59,249	55,204	73,352	71,797
Rocky Mountain total:															
Softwoods	1,019,035	899,525	494,897	458,719	568,600	842,029	715,768	370,120	274,022	391,225	56,423	55,878	51,160	66,773	66,413
Hardwoods	137,952	141,268	50,431	68,472	59,330	65,967	70,422	22,204	17,860	17,200	7,399	6,939	4,556	11,088	9,339
Total	1,157,027	1,040,793	545,328	527,191	627,930	907,974	786,190	392,324	291,882	408,425	63,819	62,817	55,716	77,861	75,752
Pacific Coast:															
Alaska:															
Softwoods	155,407	194,542	172,267	213,596	224,700	103,856	123,624	99,767	146,799	171,090	27,394	32,908	25,451	63,781	52,563
Hardwoods	8,786	10,163	9,912	9,395	9,467	1,049	430	154	1,536	1,608	6,346	6,450	5,742	7,656	7,756
Total	164,187	204,705	182,179	222,991	234,167	104,899	124,054	99,921	148,335	172,698	33,740	39,358	31,193	71,437	60,319
Pacific Northwest:															
Softwoods	783,755	777,610	657,843	699,600	952,500	468,498	468,829	422,000	326,700	407,300	96,921	95,810	113,227	172,200	210,000
Hardwoods	120,090	118,232	72,131	71,800	50,500	4,326	4,953	4,000	6,600	6,100	24,539	23,946	12,559	11,900	13,700
Total	903,875	895,842	729,974	771,400	1,003,000	472,809	473,783	426,000	333,300	413,400	121,470	119,756	125,786	184,100	223,700
Pacific Southwest:															
Softwoods	262,315	263,106	247,804	137,700	366,800	149,871	151,846	171,205	80,800	199,500	6,096	6,002	6,395	5,100	16,500
Hardwoods	57,311	51,763	24,316	6,792	10,100	7,767	2,174	5,217	2,300	7,400	3,386	3,381	2,399	870	300
Total	319,829	314,869	272,120	144,492	376,900	157,695	154,020	176,422	83,100	206,900	9,456	9,383	8,794	5,970	16,800

Table 33—(continued).

Region, subregion, and species group	All owners					National forest					Other public[a]				
	2001	1996	1986	1976	1952	2001	1996	1986	1976	1952	2001	1996	1986	1976	1952
	Thousand cubic feet														
Pacific Coast total:															
Softwoods	1,201,477	1,235,258	1,077,914	1,050,896	1,544,000	722,225	744,299	692,972	554,299	777,890	130,411	134,721	145,073	241,081	279,063
Hardwoods	186,187	180,158	106,359	87,987	70,067	13,142	7,558	9,371	10,436	15,108	34,271	33,777	20,700	20,426	21,756
Total	1,387,892	1,415,416	1,184,273	1,138,883	1,614,067	735,403	751,857	702,343	564,735	792,998	164,666	168,498	165,773	261,507	300,819
United States:															
Softwoods	3,596,210	3,626,102	2,781,648	2,466,137	2,661,634	1,687,024	1,593,393	1,147,959	893,015	1,212,831	318,784	325,794	290,407	380,881	386,131
Hardwoods	2,707,877	2,693,950	1,863,960	1,626,733	1,242,981	249,525	241,870	144,674	114,089	91,362	332,796	317,278	208,586	198,989	106,473
Total	6,304,588	6,320,052	4,645,608	4,092,870	3,904,615	1,936,625	1,835,262	1,292,633	1,007,104	1,304,193	651,607	643,072	498,993	579,870	492,604

Table 33—(continued).

Region, subregion, and species group	Forest Industry					Nonindustrial private[a]				
	2001	1996	1986	1976	1952	2001	1996	1986	1976	1952
	Thousand cubic feet									
North:										
Northeast:										
Softwoods	100,864	101,024	95,216	65,375	37,876	147,224	148,245	141,656	113,862	102,443
Hardwoods	54,548	54,258	45,889	43,585	29,138	371,170	360,554	305,654	268,785	187,270
Total	155,545	155,283	141,105	108,960	67,014	518,372	508,799	447,310	382,647	289,713
North Central:										
Softwoods	17,149	17,149	13,254	22,180	8,308	72,034	71,632	36,537	51,935	20,668
Hardwoods	26,134	26,164	23,373	43,938	15,279	483,403	454,916	301,744	284,602	153,951
Total	43,318	43,313	36,627	66,118	23,587	555,555	526,548	338,281	336,537	174,619
North total:										
Softwoods	118,014	118,174	108,470	87,555	46,184	219,258	219,877	178,193	165,797	123,111
Hardwoods	80,682	80,422	69,262	87,523	44,417	854,573	815,470	607,398	553,387	341,221
Total	198,863	198,596	177,732	175,078	90,601	1,073,927	1,035,347	785,591	719,184	464,332
South:										
Southeast:										
Softwoods	61,572	87,772	71,127	64,000	44,200	321,725	442,587	361,965	312,000	167,600
Hardwoods	55,042	72,996	57,090	40,125	43,800	400,603	445,798	264,602	209,282	215,100
Total	116,622	160,767	128,217	104,125	88,000	722,282	888,385	626,567	521,282	382,700
South Central:										
Softwoods	96,987	97,501	85,998	64,935	38,748	303,421	256,889	224,043	124,514	44,820
Hardwoods	89,420	92,647	71,521	61,844	50,775	441,876	424,739	340,868	264,845	283,839
Total	186,369	190,148	157,519	126,779	89,523	745,235	681,628	564,911	389,359	328,659
South total:										
Softwoods	158,560	185,273	157,125	128,935	82,948	625,146	699,476	586,008	436,514	212,420
Hardwoods	144,463	165,642	128,611	101,969	94,575	842,479	870,538	605,470	474,127	498,939
Total	302,991	350,915	285,736	230,904	177,523	1,467,517	1,570,013	1,191,478	910,641	711,359
Rocky Mountain:										
Great Plains:										
Softwoods	0	0	0	24	9	2,236	2,040	2,512	243	207
Hardwoods	0	0	0	0	0	34,947	34,877	7,268	24,933	20,834
Total	0	0	0	24	9	37,223	36,917	9,780	25,176	21,041
Intermountain:										
Softwoods	41,158	41,152	27,696	22,407	22,197	77,189	84,687	43,409	95,250	88,549
Hardwoods	223	223	0	359	441	29,415	28,807	16,403	14,232	11,516
Total	41,381	41,375	27,696	22,766	22,638	106,631	113,494	59,812	109,482	100,065
Rocky Mountain total:										
Softwoods	41,158	41,152	27,696	22,431	22,206	79,425	86,727	45,921	95,493	88,756
Hardwoods	223	223	0	359	441	64,363	63,685	23,671	39,165	32,350
Total	41,381	41,375	27,696	22,790	22,647	143,854	150,412	69,592	134,658	121,106
Pacific Coast:										
Alaska:										
Softwoods	0	0	0	0	0	24,157	38,010	47,049	3,016	1,047
Hardwoods	0	0	0	0	0	1,392	3,283	4,016	203	103
Total	0	0	0	0	0	25,549	41,293	51,065	3,219	1,150
Pacific Northwest:										
Softwoods	113,150	111,361	74,475	134,300	255,200	105,186	101,609	48,141	66,400	80,000
Hardwoods	39,665	38,955	23,938	25,600	12,800	51,559	50,378	31,634	27,700	17,900
Total	152,839	150,316	98,413	159,900	268,000	156,758	151,987	79,775	94,100	97,900
Pacific Southwest:										
Softwoods	53,540	52,939	29,539	20,600	53,500	52,809	52,319	40,665	31,200	97,300
Hardwoods	13,927	13,976	5,280	1,700	1,100	32,230	32,232	11,420	1,922	1,300
Total	67,478	66,915	34,819	22,300	54,600	85,201	84,550	52,085	33,122	98,600

Table 33—(continued).

Region, subregion, and species group	Forest Industry					Nonindustrial private[a]				
	2001	1996	1986	1976	1952	2001	1996	1986	1976	1952
	Thousand cubic feet									
Pacific Coast total:										
Softwoods	166,690	164,300	104,014	154,900	308,700	182,152	191,938	135,855	100,616	178,347
Hardwoods	53,592	52,931	29,218	27,300	13,900	85,182	85,892	47,070	29,825	19,303
Total	220,316	217,231	133,232	182,200	322,600	267,507	277,830	182,925	130,441	197,650
United States:										
Softwoods	484,421	508,898	397,305	393,821	460,038	1,105,981	1,198,017	945,977	798,420	602,638
Hardwoods	278,959	299,218	227,091	217,151	153,333	1,846,596	1,835,585	1,283,609	1,096,504	891,813
Total	763,550	808,116	624,396	610,972	613,371	2,952,805	3,033,602	2,229,586	1,894,924	1,494,447

[a] Native American lands have been included exclusively in the nonindustrial private owner group since 1997. For 1987 and earlier years, these lands may be included in the other public owner group.

Note: Data may not add to totals because of rounding.

Table 34—Net annual growth of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2001, 1996, 1986, 1976, and 1952

Region, subregion, and species group	All owners				
	2001	1996	1986	1976	1952
	Thousand cubic feet				
North:					
Northeast:					
Softwoods	658,040	646,083	701,741	1,067,271	652,600
Hardwoods	2,174,717	2,223,289	2,246,366	2,072,571	1,358,000
Total	2,832,478	2,869,371	2,948,107	3,139,842	2,010,600
North Central:					
Softwoods	524,811	523,127	586,546	490,986	320,702
Hardwoods	2,060,589	2,027,493	1,977,350	1,718,072	1,385,188
Total	2,585,392	2,550,620	2,563,896	2,209,058	1,705,890
North total:					
Softwoods	1,182,850	1,169,210	1,288,287	1,558,257	973,302
Hardwoods	4,235,306	4,250,781	4,223,716	3,790,643	2,743,188
Total	5,417,870	5,419,991	5,512,003	5,348,900	3,716,490
South:					
Southeast:					
Softwoods	3,097,488	2,778,801	2,622,053	3,104,000	1,874,017
Hardwoods	2,059,494	1,951,849	2,104,004	2,186,000	1,291,618
Total	5,157,047	4,730,651	4,726,057	5,290,000	3,165,635
South Central:					
Softwoods	3,369,692	3,110,078	2,876,764	3,210,598	1,767,400
Hardwoods	2,995,358	2,871,358	2,382,778	2,822,683	1,749,700
Total	6,365,191	5,981,436	5,259,542	6,033,281	3,517,100
South total:					
Softwoods	6,467,180	5,888,879	5,498,817	6,314,598	3,641,417
Hardwoods	5,054,852	4,823,208	4,486,782	5,008,683	3,041,318
Total	11,522,238	10,712,087	9,985,599	11,323,281	6,682,735
Rocky Mountain:					
Great Plains:					
Softwoods	41,542	50,448	47,412	43,521	22,220
Hardwoods	45,211	44,808	38,438	39,818	30,500
Total	86,747	95,256	85,850	83,339	52,720
Intermountain:					
Softwoods	1,816,084	1,912,245	1,909,449	1,550,496	1,077,700
Hardwoods	158,787	426,175	131,347	99,098	56,800
Total	1,975,024	2,338,421	2,040,796	1,649,594	1,134,500
Rocky Mountain total:					
Softwoods	1,857,626	1,962,694	1,956,861	1,594,017	1,099,920
Hardwoods	203,998	470,983	169,785	138,916	87,300
Total	2,061,771	2,433,676	2,126,646	1,732,933	1,187,220
Pacific Coast:					
Alaska:					
Softwoods	122,008	136,888	102,686	162,499	103,600
Hardwoods	84,859	85,888	93,664	6,824	6,725
Total	206,873	222,776	196,350	169,323	110,325

Table 34—(continued).

Region, subregion, and species group	All owners 2001	1996	1986	1976	1952
	Thousand cubic feet				
Pacific Northwest:					
Softwoods	2,841,124	3,080,632	3,270,724	2,158,700	1,472,500
Hardwoods	312,753	391,648	498,155	400,800	221,500
Total	3,154,055	3,472,280	3,768,879	2,559,500	1,694,000
Pacific Southwest:					
Softwoods	1,195,754	1,155,171	889,365	713,200	444,000
Hardwoods	130,575	133,172	156,834	79,137	75,000
Total	1,326,267	1,288,343	1,046,199	792,337	519,000
Pacific Coast total:					
Softwoods	4,158,887	4,372,692	4,262,775	3,034,399	2,020,100
Hardwoods	528,187	610,708	748,653	486,761	303,225
Total	4,687,196	4,983,400	5,011,428	3,521,160	2,323,325
United States:					
Softwoods	13,666,543	13,393,474	13,006,740	12,501,271	7,734,739
Hardwoods	10,022,342	10,155,680	9,628,936	9,425,003	6,175,031
Total	23,689,074	23,549,154	22,635,676	21,926,274	13,909,770

Table 34—(continued).

Region, subregion, and species group	National forest					Other public[a]				
	2001	1996	1986	1976	1952	2001	1996	1986	1976	1952
	Thousand cubic feet									
North:										
Northeast:										
Softwoods	15,043	13,839	19,019	18,359	13,282	63,368	60,666	53,518	48,791	27,166
Hardwoods	68,185	68,469	131,021	116,999	69,443	193,588	194,964	265,069	237,900	142,264
Total	83,369	82,308	150,040	135,358	82,725	256,973	255,631	318,587	286,691	169,430
North Central:										
Softwoods	94,053	94,231	117,617	97,660	57,215	140,746	140,565	168,327	142,017	92,256
Hardwoods	145,114	138,894	154,278	158,742	112,026	305,106	302,427	340,975	304,325	213,120
Total	239,121	233,124	271,895	256,402	169,241	445,980	442,991	509,302	446,342	305,376
North total:										
Softwoods	109,096	108,070	136,636	116,019	70,497	204,114	201,231	221,845	190,808	119,422
Hardwoods	213,299	207,362	285,299	275,741	181,469	498,694	497,391	606,044	542,225	355,384
Total	322,490	315,433	421,935	391,760	251,966	702,953	698,622	827,889	733,033	474,806
South:										
Southeast:										
Softwoods	79,022	57,179	93,774	137,000	80,313	155,163	144,516	147,893	149,000	70,017
Hardwoods	108,059	104,629	139,288	141,000	73,208	106,485	97,390	85,918	71,000	27,169
Total	187,179	161,808	233,062	278,000	153,521	261,644	241,906	233,811	220,000	97,186
South Central:										
Softwoods	205,458	192,018	230,844	245,340	211,300	80,538	65,607	54,534	71,156	56,388
Hardwoods	155,266	144,271	134,532	144,064	67,265	146,332	131,442	100,875	108,706	55,182
Total	360,747	336,289	365,376	389,404	278,565	226,885	197,049	155,409	179,862	111,570
South total:										
Softwoods	284,480	249,197	324,618	382,340	291,613	235,701	210,122	202,427	220,156	126,405
Hardwoods	263,325	248,901	273,820	285,064	140,473	252,816	228,833	186,793	179,706	82,351
Total	547,927	498,097	598,438	667,404	432,086	488,529	438,955	389,220	399,862	208,756
Rocky Mountain:										
Great Plains:										
Softwoods	32,564	41,741	32,989	31,087	14,700	862	835	3,105	2,977	1,469
Hardwoods	624	375	554	676	100	3,398	3,300	3,266	3,552	2,615
Total	33,194	42,117	33,543	31,763	14,800	4,259	4,135	6,371	6,529	4,084
Intermountain:										
Softwoods	1,127,238	1,231,826	1,263,727	1,013,396	673,400	168,530	167,534	216,692	158,464	117,646
Hardwoods	88,854	142,370	56,642	65,498	31,300	14,459	60,282	24,216	6,945	5,462
Total	1,216,207	1,374,195	1,320,369	1,078,894	704,700	182,985	227,816	240,908	165,409	123,108
Rocky Mountain total:										
Softwoods	1,159,802	1,273,567	1,296,716	1,044,483	688,100	169,392	168,369	219,797	161,441	119,115
Hardwoods	89,477	142,745	57,196	66,174	31,400	17,857	63,582	27,482	10,497	8,077
Total	1,249,402	1,416,312	1,353,912	1,110,657	719,500	187,244	231,951	247,279	171,938	127,192

Table 34—(continued).

Region, subregion, and species group	National forest					Other public[a]				
	2001	1996	1986	1976	1952	2001	1996	1986	1976	1952
					Thousand cubic feet					
Pacific Coast:										
Alaska:										
Softwoods	52,500	85,386	15,378	22,627	10,367	54,173	40,496	66,723	136,877	92,588
Hardwoods	1,809	4,060	768	15	16	71,949	61,201	55,309	6,609	6,609
Total	54,321	89,446	16,146	22,642	10,383	126,122	101,696	122,032	143,486	99,197
Pacific Northwest:										
Softwoods	1,084,957	1,097,597	1,076,000	538,800	440,900	486,449	557,893	634,145	467,000	258,900
Hardwoods	67,376	66,961	67,000	14,700	13,600	63,922	81,629	87,510	93,000	33,500
Total	1,152,331	1,164,558	1,143,000	553,500	454,500	550,459	639,522	721,655	560,000	292,400
Pacific Southwest:										
Softwoods	658,004	616,239	421,551	363,500	162,000	28,782	28,872	25,198	13,900	14,000
Hardwoods	1,516	4,123	0	16,100	29,000	5,249	5,248	15,865	7,735	6,000
Total	659,522	620,362	421,551	379,600	191,000	34,015	34,121	41,063	21,635	20,000
Pacific Coast total:										
Softwoods	1,795,461	1,799,222	1,512,929	924,927	613,267	569,404	627,261	726,066	617,777	365,488
Hardwoods	70,701	75,144	67,768	30,815	42,616	141,120	148,078	158,684	107,344	46,109
Total	1,866,174	1,874,366	1,580,697	955,742	655,883	710,596	775,339	884,750	725,121	411,597
United States:										
Softwoods	3,348,839	3,430,056	3,270,899	2,467,769	1,663,477	1,178,612	1,206,983	1,370,135	1,190,182	730,430
Hardwoods	636,802	674,152	684,083	657,794	395,958	910,487	937,884	979,003	839,772	491,921
Total	3,985,992	4,104,208	3,954,982	3,125,563	2,059,435	2,089,323	2,144,867	2,349,138	2,029,954	1,222,351

Table 34—(continued).

Region, subregion, and species group	Forest industry					Nonindustrial private[a]				
	2001	1996	1986	1976	1952	2001	1996	1986	1976	1952
	Thousand cubic feet									
North:										
Northeast:										
Softwoods	66,388	64,526	188,430	377,359	178,928	513,241	507,051	440,774	622,762	433,224
Hardwoods	191,003	195,939	230,023	226,164	128,574	1,721,941	1,763,917	1,620,253	1,491,508	1,017,719
Total	257,376	260,465	418,453	603,523	307,502	2,234,760	2,270,967	2,061,027	2,114,270	1,450,943
North Central:										
Softwoods	35,442	35,442	50,172	55,090	43,288	254,571	252,890	250,430	196,219	127,943
Hardwoods	86,241	86,260	105,370	118,401	99,057	1,524,129	1,499,913	1,376,727	1,136,604	960,985
Total	121,658	121,701	155,542	173,491	142,345	1,778,634	1,752,803	1,627,157	1,332,823	1,088,928
North total:										
Softwoods	101,829	99,968	238,602	432,449	222,216	767,812	759,941	691,204	818,981	561,167
Hardwoods	277,244	282,199	335,393	344,565	227,631	3,246,070	3,263,829	2,996,980	2,628,112	1,978,704
Total	379,034	382,167	573,995	777,014	449,847	4,013,393	4,023,770	3,688,184	3,447,093	2,539,871
South:										
Southeast:										
Softwoods	966,345	889,665	724,829	688,000	374,583	1,896,958	1,687,442	1,655,557	2,130,000	1,349,104
Hardwoods	199,194	191,390	245,858	259,000	170,797	1,645,756	1,558,440	1,632,940	1,715,000	1,020,444
Total	1,165,427	1,081,055	970,687	947,000	545,380	3,542,797	3,245,882	3,288,497	3,845,000	2,369,548
South Central:										
Softwoods	1,207,415	1,135,049	829,133	894,423	707,496	1,876,280	1,717,403	1,762,253	1,999,679	792,216
Hardwoods	349,178	358,018	347,608	452,703	202,822	2,344,582	2,237,627	1,799,763	2,117,210	1,424,431
Total	1,556,542	1,493,068	1,176,741	1,347,126	910,318	4,221,017	3,955,030	3,562,016	4,116,889	2,216,647
South total:										
Softwoods	2,173,760	2,024,714	1,553,962	1,582,423	1,082,079	3,773,239	3,404,846	3,417,810	4,129,679	2,141,320
Hardwoods	548,372	549,408	593,466	711,703	373,619	3,990,338	3,796,067	3,432,703	3,832,210	2,444,875
Total	2,721,968	2,574,122	2,147,428	2,294,126	1,455,698	7,763,813	7,200,912	6,850,513	7,961,889	4,586,195
Rocky Mountain:										
Great Plains:										
Softwoods	0	0	340	608	233	8,116	7,872	10,978	8,849	5,818
Hardwoods	0	0	0	62	5	41,189	41,133	34,618	35,528	27,780
Total	0	0	340	670	238	49,293	49,005	45,596	44,377	33,598
Intermountain:										
Softwoods	125,962	125,967	124,840	103,030	78,404	394,354	386,918	304,190	275,606	208,250
Hardwoods	695	7,867	980	793	660	54,779	215,657	49,509	25,862	19,378
Total	126,682	133,834	125,820	103,823	79,064	449,150	602,575	353,699	301,468	227,628
Rocky Mountain total:										
Softwoods	125,962	125,967	125,180	103,638	78,637	402,469	394,790	315,168	284,455	214,068
Hardwoods	695	7,867	980	855	665	95,968	256,789	84,127	61,390	47,158
Total	126,682	133,834	126,160	104,493	79,302	498,444	651,580	399,295	345,845	261,226

Table 34—(continued).

Region, subregion, and species group	Forest industry					Nonindustrial private[a]				
	2001	1996	1986	1976	1952	2001	1996	1986	1976	1952
					Thousand cubic feet					
Pacific Coast:										
Alaska:										
Softwoods	0	0	0	0	0	15,335	11,007	20,585	2,995	645
Hardwoods	0	0	0	0	0	11,101	20,628	37,587	200	100
Total	0	0	0	0	0	26,429	31,635	58,172	3,195	745
Pacific Northwest:										
Softwoods	804,261	883,870	1,029,287	691,200	399,000	465,457	541,274	531,292	461,700	373,700
Hardwoods	72,899	100,919	154,079	145,200	75,300	108,557	142,138	189,566	147,900	99,100
Total	877,169	984,788	1,183,366	836,400	474,300	574,096	683,412	720,858	609,600	472,800
Pacific Southwest:										
Softwoods	246,506	247,112	204,912	138,500	90,000	262,462	262,948	237,704	197,300	178,000
Hardwoods	45,515	45,497	45,596	19,100	11,000	78,294	78,305	95,373	36,202	29,000
Total	292,010	292,608	250,508	157,600	101,000	340,720	341,253	333,077	233,502	207,000
Pacific Coast total:										
Softwoods	1,050,767	1,130,981	1,234,199	829,700	489,000	743,254	815,228	789,581	661,995	552,345
Hardwoods	118,414	146,415	199,675	164,300	86,300	197,951	241,071	322,526	184,302	128,200
Total	1,169,180	1,277,396	1,433,874	994,000	575,300	941,246	1,056,299	1,112,107	846,297	680,545
United States:										
Softwoods	3,452,319	3,381,630	3,151,943	2,948,210	1,871,932	5,686,774	5,374,805	5,213,763	5,895,110	3,468,900
Hardwoods	944,726	985,888	1,129,514	1,221,423	688,215	7,530,328	7,557,756	6,836,336	6,706,014	4,598,937
Total	4,396,863	4,367,519	4,281,457	4,169,633	2,560,147	13,216,896	12,932,561	12,050,099	12,601,124	8,067,837

[a] Native American lands have been included exclusively in the nonindustrial private owner group since 1997. For 1987 and earlier years, these lands may be included in the other public owner group.

Note: Data may not add to totals because of rounding.

Table 35—Annual removals of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2001, 1996, 1986, and 1976

Region, subregion, and species group	All owners				National forest	Other public	Forest industry	Non-industrial private
	2001	1996	1986	1976	2001	2001	2001	2001
				Thousand cubic feet				
North:								
Northeast:								
Softwoods	414,216	413,718	520,797	498,576	965	13,487	117,552	282,212
Hardwoods	857,400	860,999	781,162	803,694	6,655	45,498	158,074	647,174
Total	1,271,616	1,274,717	1,301,959	1,302,270	7,620	58,984	275,626	929,387
North Central:								
Softwoods	228,599	254,630	204,719	193,534	14,352	59,262	25,397	129,587
Hardwoods	1,210,611	1,243,071	1,201,539	999,059	49,027	211,813	92,594	857,176
Total	1,439,210	1,497,701	1,406,258	1,192,593	63,379	271,076	117,991	986,764
North total:								
Softwoods	642,815	668,348	725,516	692,110	15,318	72,749	142,949	411,800
Hardwoods	2,068,011	2,104,070	1,982,701	1,802,753	55,681	257,311	250,668	1,504,351
Total	2,710,826	2,772,418	2,708,217	2,494,863	70,999	330,060	393,617	1,916,150
South:								
Southeast:								
Softwoods	2,913,288	2,947,436	2,411,562	2,028,804	9,788	111,824	928,285	1,863,392
Hardwoods	1,390,533	1,511,833	1,260,821	1,002,521	13,616	50,148	221,709	1,105,060
Total	4,303,821	4,459,269	3,672,383	3,031,325	23,403	161,972	1,149,994	2,968,452
South Central:								
Softwoods	3,600,177	3,530,826	2,905,505	2,407,658	36,826	62,525	1,300,939	2,199,887
Hardwoods	2,166,136	2,194,685	1,625,779	1,239,717	17,108	54,703	406,205	1,688,120
Total	5,766,313	5,725,511	4,531,284	3,647,375	53,934	117,228	1,707,144	3,888,007
South total:								
Softwoods	6,513,465	6,478,262	5,317,067	4,436,462	46,614	174,349	2,229,224	4,063,279
Hardwoods	3,556,668	3,706,518	2,886,600	2,242,238	30,724	104,851	627,914	2,793,180
Total	10,070,134	10,184,780	8,203,667	6,678,700	77,337	279,200	2,857,138	6,856,459
Rocky Mountain:								
Great Plains:								
Softwoods	23,682	20,181	25,797	21,322	16,567	529	0	6,586
Hardwoods	15,803	15,113	16,260	20,600	15	381	0	15,408
Total	39,486	35,294	42,057	41,922	16,582	910	0	21,993
Intermountain:								
Softwoods	487,135	480,943	817,031	821,687	62,164	50,306	150,054	224,611
Hardwoods	10,490	15,757	11,635	3,054	2,159	2,007	3,398	2,926
Total	497,625	496,700	828,666	824,741	64,323	52,313	153,453	227,537
Rocky Mountain total:								
Softwoods	510,818	501,124	842,828	843,009	78,731	50,836	150,054	231,196
Hardwoods	26,293	30,870	27,895	23,654	2,174	2,387	3,398	18,334
Total	537,111	531,994	870,723	866,663	80,905	53,223	153,453	249,530

Table 35—(continued).

Region, subregion, and species group	All owners				National forest	Other public	Forest industry	Non-industrial private
	2001	1996	1986	1976	2001	2001	2001	2001
				Thousand cubic feet				
Pacific Coast:								
Alaska:								
Softwoods	138,695	177,298	117,881	107,437	13,814	4,642	0	120,240
Hardwoods	3,634	5,229	5,211	3,164	119	796	0	2,719
Total	142,329	182,527	123,092	110,601	13,933	5,437	0	122,959
Pacific Northwest:								
Softwoods	1,623,663	1,621,480	3,121,025	3,101,707	53,201	226,575	800,856	543,031
Hardwoods	106,502	99,492	98,375	106,286	467	12,686	39,693	53,657
Total	1,730,165	1,720,969	3,219,400	3,207,993	53,668	239,260	840,548	596,688
Pacific Southwest:								
Softwoods	624,853	618,021	818,897	818,402	41,824	22,925	356,938	203,166
Hardwoods	8,660	10,036	11,579	16,805	1,534	100	5,020	2,005
Total	633,513	628,056	830,476	835,207	43,359	23,025	361,958	205,171
Pacific Coast total:								
Softwoods	2,387,211	2,416,799	4,057,803	4,027,546	108,839	254,141	1,157,794	866,437
Hardwoods	118,796	114,757	115,165	126,255	2,120	13,582	44,713	58,381
Total	2,506,007	2,531,552	4,172,968	4,153,801	110,960	267,723	1,202,506	924,818
United States:								
Softwoods	10,054,310	10,064,531	10,943,214	9,999,127	249,502	552,075	3,680,020	5,572,712
Hardwoods	5,769,768	5,956,213	5,012,361	4,194,900	90,699	378,130	926,693	4,374,246
Total	15,824,078	16,020,744	15,955,575	14,194,027	340,201	930,205	4,606,714	9,946,958

Note: Data may not add to totals because of rounding.

Table 36—Net annual growth, removals, and mortality of growing stock on timberland in the United States by species group, region, subregion, and State, 2002

Region, subregion, and State	All species			Softwoods			Hardwoods		
	Net growth	Removals	Mortality	Net growth	Removals	Mortality	Net growth	Removals	Mortality
				Thousand cubic feet					
North:									
Northeast:									
Connecticut	55,496	11,691	16,344	8,459	3,013	1,768	47,078	8,678	14,575
Delaware	16,168	7,654	7,868	4,202	3,966	2,085	11,965	3,688	5,777
Maine	402,086	441,729	223,378	181,603	234,026	164,644	220,688	207,703	58,674
Maryland	107,091	40,507	36,964	23,673	12,891	6,264	83,409	27,617	30,696
Massachusetts	97,467	15,703	26,437	38,943	7,987	6,117	58,466	7,715	20,300
New Hampshire	169,877	140,282	50,471	77,972	44,737	22,662	91,881	95,545	27,799
New Jersey	55,431	10,549	16,475	14,613	753	4,417	40,813	9,795	12,070
New York	589,718	141,068	109,260	145,115	42,645	23,270	444,715	98,422	86,013
Pennsylvania	630,403	215,912	177,131	69,745	18,739	11,019	560,768	197,173	166,138
Rhode Island	8,032	1,742	2,841	2,916	588	336	5,105	1,154	2,505
Vermont	190,367	77,355	48,025	69,408	38,530	15,233	120,966	38,825	32,747
West Virginia	510,343	167,425	95,077	21,393	6,340	16,791	488,863	161,085	78,282
Total	2,832,478	1,271,616	810,272	658,040	414,216	274,607	2,174,717	857,400	535,577
North Central:									
Illinois	172,023	69,338	72,316	5,451	585	1,358	166,559	68,752	70,957
Indiana	223,783	96,532	60,789	8,721	655	2,789	215,043	95,877	57,992
Iowa	41,151	25,251	15,878	840	206	59	40,314	25,046	15,823
Michigan	756,369	315,660	198,293	227,239	69,647	62,075	529,170	246,013	136,160
Minnesota	370,145	316,130	215,962	114,072	62,293	66,068	256,075	253,837	149,850
Missouri	239,428	167,895	65,718	27,581	12,248	3,031	211,839	155,647	62,561
Ohio	293,485	101,216	56,147	10,904	2,848	4,399	282,593	98,368	51,766
Wisconsin	489,009	347,187	187,797	130,004	80,117	42,792	358,994	267,071	144,942
Total	2,585,392	1,439,210	872,899	524,811	228,599	182,572	2,060,589	1,210,611	690,051
North total:	5,417,870	2,710,826	1,683,171	1,182,850	642,815	457,179	4,235,306	2,068,011	1,225,628
South:									
Southeast:									
Florida	684,925	560,475	100,027	526,274	470,670	49,962	158,565	89,804	50,080
Georgia	1,518,775	1,447,941	296,065	1,006,769	1,082,359	159,542	511,841	365,582	136,546
North Carolina	1,159,595	957,675	263,957	589,829	588,255	116,369	569,755	369,419	147,573
South Carolina	945,451	682,901	151,191	657,445	475,339	70,414	288,102	207,562	80,794
Virginia	848,302	654,829	175,759	317,170	296,665	54,977	531,231	358,164	120,773
Total	5,157,047	4,303,821	987,000	3,097,488	2,913,288	451,263	2,059,494	1,390,533	535,766
South Central:									
Alabama	1,460,114	1,298,533	274,289	871,754	888,314	153,850	588,321	410,219	120,447
Arkansas	896,350	795,789	140,756	546,133	495,947	44,997	350,141	299,842	95,767
Kentucky	384,128	276,220	88,571	25,114	14,738	12,851	359,015	261,482	75,741
Louisiana	834,049	958,981	157,635	526,081	697,829	77,642	307,926	261,152	79,997
Mississippi	1,104,531	1,149,880	163,263	639,086	752,347	74,777	465,523	397,532	88,495
Oklahoma	243,259	133,401	15,066	117,100	79,609	3,250	125,997	53,792	11,822
Tennessee	737,547	384,009	156,619	140,633	100,609	46,301	597,020	283,400	110,340
Texas	705,212	769,501	93,300	503,792	570,783	53,588	201,415	198,718	39,735
Total	6,365,191	5,766,313	1,089,498	3,369,692	3,600,177	467,255	2,995,358	2,166,136	622,344
South total:	11,522,238	10,070,134	2,076,498	6,467,180	6,513,465	918,519	5,054,852	3,556,668	1,158,110

Table 36—(continued).

Region, subregion, and State	All species			Softwoods			Hardwoods		
	Net growth	Removals	Mortality	Net growth	Removals	Mortality	Net growth	Removals	Mortality
				Thousand cubic feet					
Rocky Mountain:									
Great Plains:									
Kansas	25,844	7,182	19,427	1,028	54	57	24,829	7,128	19,365
Nebraska	14,181	10,387	13,029	4,042	3,509	1,484	10,138	6,879	11,528
North Dakota	6,663	1,005	4,473	112	6	0	6,552	1,000	4,471
South Dakota	40,059	20,910	8,157	36,360	20,113	5,355	3,691	797	2,781
Total	86,747	39,486	45,086	41,542	23,682	6,896	45,211	15,803	38,146
Intermountain:									
Arizona	124,452	13,529	20,971	121,078	13,529	17,610	3,333	0	3,340
Colorado	291,334	20,598	183,375	212,072	16,368	134,425	79,174	4,230	48,974
Idaho	634,578	252,866	431,281	625,746	247,498	414,437	8,812	5,368	16,843
Montana	583,139	167,842	274,272	568,909	167,835	269,959	14,214	7	4,310
Nevada	5,708	1,342	5,248	3,857	1,342	4,698	1,851	0	556
New Mexico	140,494	18,964	21,614	128,794	18,953	17,202	11,744	11	4,406
Utah	76,787	8,311	103,286	46,128	7,437	86,070	30,635	874	17,214
Wyoming	118,533	14,174	71,895	109,499	14,174	67,738	9,024	0	4,162
Total	1,975,024	497,625	1,111,941	1,816,084	487,135	1,012,139	158,787	10,490	99,806
Rocky Mountain total:	2,061,771	537,111	1,157,027	1,857,626	510,818	1,019,035	203,998	26,293	137,952
Pacific Coast:									
Alaska:									
Alaska	206,873	142,329	164,187	122,008	138,695	155,407	84,859	3,634	8,786
Total	206,873	142,329	164,187	122,008	138,695	155,407	84,859	3,634	8,786
Pacific Northwest:									
Oregon	1,728,058	863,395	458,259	1,536,422	826,392	417,548	191,472	37,003	40,737
Washington	1,425,997	866,770	445,616	1,304,702	797,271	366,206	121,282	69,499	79,353
Total	3,154,055	1,730,165	903,875	2,841,124	1,623,663	783,755	312,753	106,502	120,090
Pacific Southwest:									
California	1,325,279	633,513	318,742	1,195,754	624,853	262,315	129,587	8,660	56,223
Hawaii	988	0	1,088	0	0	0	988	0	1,088
Total	1,326,267	633,513	319,829	1,195,754	624,853	262,315	130,575	8,660	57,311
Pacific Coast total:	4,687,196	2,506,007	1,387,892	4,158,887	2,387,211	1,201,477	528,187	118,796	186,187
United States:	23,689,074	15,824,078	6,304,588	13,666,543	10,054,310	3,596,210	10,022,342	5,769,768	2,707,877

Note: Data may not add to totals because of rounding.

Table 37—Net all live biomass on timberland in the Eastern and Western United States by rural-urban continuum class and forest type group, 2002

		Predominant county population continuum class				
Forest type group	Total	Major metro	Intermediate-small metro	Large town	Small town	Rural
		Million dry tons				
East:						
White-red-jack pine	558	104	130	20	222	81
Spruce-fir	547	8	61	91	320	68
Longleaf-slash pine	379	76	39	14	149	102
Loblolly-shortleaf pine	2,025	327	222	80	913	483
Oak-pine	1,298	255	144	42	559	298
Oak-hickory	6,250	1,285	764	153	2,504	1,544
Oak-gum-cypress	1,637	312	197	55	757	316
Elm-ash-cottonwood	515	135	70	19	219	73
Maple-beech-birch	2,665	396	393	194	1,255	427
Aspen-birch	538	14	73	34	276	140
Nonstocked	1	0	0	0	1	0
East total:	16,413	2,912	2,093	701	7,174	3,532
West:						
Douglas-fir	2,181	445	522	223	644	347
Ponderosa pine	840	54	121	149	364	152
Western white pine	7	0	1	0	4	1
Fir-spruce	1,260	87	130	107	566	370
Hemlock-Sitka spruce	1,197	113	150	86	440	408
Larch	62	0	1	10	34	17
Lodgepole pine	529	13	26	63	260	168
Redwood	106	27	38	37	4	0
Other hardwoods	1,060	158	255	123	337	187
Other softwoods	452	69	47	8	282	45
Pinyon-juniper	8	0	4	0	2	1
Nonstocked	6	1	0	1	3	1
West total:	7,707	969	1,294	806	2,941	1,697
United States:	24,120	3,881	3,387	1,508	10,115	5,229

Note: Data may not add to totals because of rounding.

Table 38—Biomass on timberland in the United States by region, subregion, State, and tree component, 2002

		Live trees				
Region, subregion, and State	All biomass	All live	Boles	Tops	Saplings	Sound dead
			Million dry tons			
North:						
Northeast:						
Connecticut	106	105	75	23	7	1
Delaware	25	25	19	3	3	0
Maine	772	759	461	163	136	13
Maryland	167	166	132	20	13	1
Massachusetts	180	179	126	39	14	1
New Hampshire	292	289	195	63	30	3
New Jersey	109	108	83	14	11	2
New York	746	741	494	158	90	5
Pennsylvania	905	896	608	215	73	9
Rhode Island	18	18	12	4	1	0
Vermont	282	279	191	61	26	3
West Virginia	717	714	487	169	58	4
Total	4,319	4,277	2,883	933	461	42
North Central:						
Illinois	195	193	132	46	15	2
Indiana	217	216	149	52	14	2
Iowa	78	77	51	19	7	1
Michigan	817	812	523	190	100	5
Minnesota	473	468	291	105	72	5
Missouri	498	496	308	123	65	2
Ohio	367	364	237	83	44	3
Wisconsin	588	576	379	138	58	12
Total	3,232	3,200	2,070	756	374	32
North total:	7,551	7,477	4,953	1,689	835	73
South:						
Southeast:						
Florida	464	464	323	78	62	0
Georgia	888	888	676	91	121	0
North Carolina	953	953	697	153	103	0
South Carolina	505	505	370	81	54	0
Virginia	836	836	609	140	87	0
Total	3,645	3,645	2,675	543	428	0
South Central:						
Alabama	897	897	644	145	109	0
Arkansas	846	839	560	176	102	7
Kentucky	660	655	440	153	62	5
Louisiana	651	650	453	133	64	1
Mississippi	783	780	518	163	99	3
Oklahoma	196	196	119	40	36	1
Tennessee	805	805	600	140	66	0
Texas	470	468	319	93	56	2
Total	5,308	5,290	3,653	1,044	594	18
South total:	8,954	8,936	6,328	1,586	1,021	18

Table 38—(continued).

Region, subregion, and State	All biomass	Live trees				Sound dead
		All live	Boles	Tops	Saplings	
	Million dry tons					
Rocky Mountain:						
Great Plains:						
Kansas	53	52	36	13	4	1
Nebraska	32	31	22	8	2	1
North Dakota	15	14	9	4	1	1
South Dakota	42	40	28	9	3	2
Total	142	137	95	33	9	4
Intermountain:						
Arizona	149	138	98	33	7	10
Colorado	497	454	337	97	21	44
Idaho	853	772	597	131	44	81
Montana	812	734	526	142	66	78
Nevada	13	12	8	3	0	1
New Mexico	167	155	107	36	12	12
Utah	180	156	108	36	12	24
Wyoming	238	198	142	42	13	40
Total	2,909	2,618	1,924	519	175	291
Rocky Mountain total:	3,051	2,756	2,020	552	184	295
Pacific Coast:						
Alaska:						
Alaska	844	830	501	227	101	14
Total	844	830	501	227	101	14
Pacific Northwest:						
Oregon	1,693	1,629	1,148	458	23	64
Washington	1,192	1,159	873	255	31	33
Total	2,886	2,789	2,021	714	54	97
Pacific Southwest:						
California	1,330	1,328	864	415	49	2
Hawaii	4	4	4	0	0	0
Total	1,334	1,332	868	415	49	2
Pacific Coast total:	5,064	4,951	3,391	1,356	204	113
United States:	24,619	24,120	16,692	5,183	2,245	499

Note: Data may not add to totals because of rounding.

Table 39—Volume of roundwood products harvested in the United States by source of material, species group, region, subregion, and product, 2001

				Source of material					
	All sources			Growing stock			Other sources		
Region, subregion, and product	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
				Thousand cubic feet					
North:									
Northeast:									
Saw logs	715,703	260,429	455,274	610,860	208,491	402,368	104,843	51,938	52,906
Veneer logs	33,538	2,566	30,972	29,451	2,054	27,396	4,088	512	3,576
Pulpwood	518,958	213,911	305,047	416,890	167,230	249,660	102,068	46,681	55,387
Composite products	2,118	179	1,940	1,727	140	1,587	391	39	352
Fuelwood	466,267	53,254	413,013	62,521	4,979	57,542	403,746	48,275	355,471
Posts, poles, and pilings	7,612	1,854	5,758	6,290	1,231	5,059	1,323	623	700
Miscellaneous products	23,605	13,119	10,486	17,922	8,710	9,212	5,684	4,410	1,274
Total	1,767,801	545,312	1,222,490	1,145,661	392,835	752,824	622,143	152,478	469,666
North Central:									
Saw logs	555,595	76,113	479,482	505,512	73,586	431,926	50,083	2,527	47,556
Veneer logs	25,487	504	24,983	23,294	454	22,840	2,193	50	2,143
Pulpwood	511,120	127,649	383,471	426,613	112,970	313,643	84,507	14,679	69,828
Composite products	209,614	11,926	197,688	192,220	9,716	182,505	17,394	2,211	15,183
Fuelwood	247,472	14,045	233,427	44,590	5,588	39,002	202,882	8,457	194,425
Posts, poles, and pilings	10,824	8,418	2,406	8,328	7,051	1,277	2,496	1,367	1,129
Miscellaneous products	18,462	3,245	15,218	16,320	3,158	13,162	2,142	86	2,056
Total	1,578,574	241,900	1,336,675	1,216,877	212,523	1,004,355	361,697	29,377	332,320
North total:									
Saw logs	1,271,298	336,542	934,756	1,116,372	282,077	834,294	154,926	54,465	100,462
Veneer logs	59,025	3,070	55,955	52,745	2,508	50,236	6,281	562	5,719
Pulpwood	1,030,078	341,560	688,518	843,503	280,200	563,303	186,575	61,360	125,215
Composite products	211,732	12,105	199,628	193,947	9,856	184,092	17,785	2,250	15,535
Fuelwood	713,739	67,299	646,440	107,111	10,567	96,544	606,628	56,732	549,896
Posts, poles, and pilings	18,436	10,272	8,164	14,618	8,282	6,336	3,819	1,990	1,829
Miscellaneous products	42,067	16,364	25,704	34,242	11,868	22,374	7,826	4,496	3,330
Total	3,346,375	787,212	2,559,165	2,362,538	605,358	1,757,179	983,840	181,855	801,986
South:									
Southeast:									
Saw logs	1,585,027	1,238,337	346,690	1,523,541	1,196,528	327,013	61,486	41,809	19,677
Veneer logs	243,363	195,453	47,910	236,397	188,945	47,452	6,966	6,508	457
Pulpwood	1,626,855	1,138,425	488,430	1,498,780	1,060,402	438,378	128,075	78,023	50,052
Composite products	139,219	101,505	37,714	126,783	93,811	32,972	12,436	7,694	4,743
Fuelwood	229,834	27,786	202,048	182,208	21,125	161,083	47,626	6,661	40,965
Posts, poles, and pilings	34,669	34,598	71	31,990	31,930	60	2,679	2,668	11
Miscellaneous products	25,809	21,895	3,914	21,797	18,257	3,540	4,012	3,638	374
Total	3,884,776	2,757,999	1,126,777	3,621,496	2,610,998	1,010,498	263,280	147,001	116,279
South Central:									
Saw logs	2,155,328	1,493,312	662,016	2,042,730	1,446,287	596,442	112,599	47,025	65,574
Veneer logs	644,236	595,976	48,260	624,281	578,816	45,465	19,955	17,161	2,795
Pulpwood	2,127,566	1,277,963	849,603	1,898,466	1,150,758	747,708	229,101	127,205	101,896
Composite products	95,231	59,370	35,861	79,495	50,857	28,638	15,736	8,513	7,222
Fuelwood	154,821	16,325	138,496	127,284	11,759	115,525	27,538	4,566	22,972
Posts, poles, and pilings	31,997	31,997	1	29,296	29,296	1	2,701	2,701	0
Miscellaneous products	2,611	967	1,644	1,559	714	845	1,052	253	798
Total	5,211,790	3,475,910	1,735,881	4,803,111	3,268,487	1,534,624	408,682	207,424	201,257

Table 39—(continued).

				Source of material					
	All sources			Growing stock			Other sources		
Region, subregion, and product	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
					Thousand cubic feet				
South total:									
Saw logs	3,740,355	2,731,649	1,008,706	3,566,271	2,642,815	923,455	174,085	88,834	85,251
Veneer logs	887,599	791,429	96,170	860,678	767,761	92,917	26,921	23,669	3,252
Pulpwood	3,754,421	2,416,388	1,338,033	3,397,246	2,211,160	1,186,086	357,176	205,228	151,948
Composite products	234,450	160,875	73,575	206,278	144,668	61,610	28,172	16,207	11,965
Fuelwood	384,655	44,111	340,544	309,492	32,884	276,608	75,164	11,227	63,937
Posts, poles, and pilings	66,666	66,595	72	61,286	61,226	61	5,380	5,369	11
Miscellaneous products	28,420	22,862	5,558	23,356	18,971	4,385	5,064	3,891	1,172
Total	9,096,566	6,233,909	2,862,658	8,424,607	5,879,485	2,545,122	671,962	354,425	317,536
Rocky Mountain:									
Great Plains:									
Saw logs	29,587	20,962	8,625	28,769	20,769	8,000	818	193	625
Veneer logs	99	0	99	98	0	98	1	0	1
Pulpwood	0	0	0	0	0	0	0	0	0
Composite products	919	829	91	760	685	75	159	144	16
Fuelwood	28,688	1,029	27,659	876	48	828	27,811	981	26,830
Posts, poles, and pilings	845	327	518	158	157	0	688	169	518
Miscellaneous products	219	138	81	219	138	81	0	0	0
Total	60,357	23,285	37,073	30,880	21,797	9,082	29,477	1,487	27,990
Intermountain:									
Saw logs	375,259	374,678	581	346,215	345,685	530	29,044	28,992	51
Veneer logs	57,414	57,414	0	56,428	56,428	0	986	986	0
Pulpwood	28,536	28,536	0	20,052	20,052	0	8,483	8,483	0
Composite products	4,465	0	4,465	4,424	0	4,424	40	0	40
Fuelwood	79,649	55,213	24,436	4,739	1,952	2,786	74,910	53,261	21,650
Posts, poles, and pilings	12,433	12,391	41	11,073	11,034	40	1,359	1,358	1
Miscellaneous products	15,569	13,497	2,072	10,195	8,132	2,063	5,373	5,365	9
Total	573,325	541,729	31,595	453,126	443,283	9,843	120,196	98,445	21,751
Rocky Mountain total:									
Saw logs	404,846	395,640	9,206	374,984	366,454	8,530	29,862	29,185	676
Veneer logs	57,513	57,414	99	56,526	56,428	98	987	986	1
Pulpwood	28,536	28,536	0	20,052	20,052	0	8,483	8,483	0
Composite products	5,384	829	4,556	5,184	685	4,499	199	144	56
Fuelwood	108,337	56,242	52,095	5,615	2,000	3,614	102,721	54,242	48,480
Posts, poles, and pilings	13,278	12,718	559	11,231	11,191	40	2,047	1,527	519
Miscellaneous products	15,788	13,635	2,153	10,414	8,270	2,144	5,373	5,365	9
Total	633,682	565,014	68,668	484,006	465,080	18,925	149,672	99,932	49,741
Pacific Coast:									
Alaska:									
Saw logs	12,742	12,656	86	12,501	12,416	85	241	240	1
Veneer logs	0	0	0	0	0	0	0	0	0
Pulpwood	23,199	23,128	71	20,817	20,753	63	2,383	2,375	7
Composite products	0	0	0	0	0	0	0	0	0
Fuelwood	8,391	5,155	3,236	6,830	4,346	2,484	1,561	809	752
Posts, poles, and pilings	0	0	0	0	0	0	0	0	0
Miscellaneous products	66,521	66,519	2	66,521	66,519	2	0	0	0
Total	110,853	107,458	3,395	106,669	104,034	2,634	4,185	3,424	760

Table 39—(continued).

Region, subregion, and product	All sources			Source of material: Growing stock			Source of material: Other sources		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
				Thousand cubic feet					
Pacific Northwest:									
Saw logs	1,214,799	1,161,979	52,820	1,180,540	1,127,761	52,779	34,260	34,218	42
Veneer logs	300,651	287,604	13,047	276,837	263,993	12,844	23,814	23,611	202
Pulpwood	41,321	37,483	3,838	35,069	31,433	3,636	6,251	6,049	202
Composite products	1,491	1,491	0	1,257	1,257	0	234	234	0
Fuelwood	138,003	91,473	46,531	83,053	50,620	32,433	54,951	40,853	14,098
Posts, poles, and pilings	69,282	69,282	0	69,282	69,282	0	0	0	0
Miscellaneous products	2,231	2,231	0	1,584	1,584	0	647	647	0
Total	1,767,778	1,651,543	116,236	1,647,622	1,545,930	101,692	120,157	105,612	14,544
Pacific Southwest:									
Saw logs	517,919	517,919	0	475,642	475,642	0	42,277	42,277	0
Veneer logs	34,003	33,918	85	27,700	27,615	85	6,303	6,303	0
Pulpwood	0	0	0	0	0	0	0	0	0
Composite products	0	0	0	0	0	0	0	0	0
Fuelwood	165,447	113,235	52,212	62,497	54,721	7,775	102,950	58,514	44,436
Posts, poles, and pilings	10,058	10,058	0	10,058	10,058	0	0	0	0
Miscellaneous products	256	256	0	4	4	0	252	252	0
Total	727,683	675,386	52,297	575,901	568,040	7,860	151,782	107,346	44,436
Pacific Coast total:									
Saw logs	1,745,460	1,692,554	52,906	1,668,683	1,615,819	52,864	76,778	76,735	43
Veneer logs	334,654	321,522	13,132	304,537	291,608	12,929	30,117	29,914	202
Pulpwood	64,520	60,611	3,909	55,886	52,186	3,699	8,634	8,424	209
Composite products	1,491	1,491	0	1,257	1,257	0	234	234	0
Fuelwood	311,841	209,863	101,979	152,380	109,687	42,692	159,462	100,176	59,286
Posts, poles, and pilings	79,340	79,340	0	79,340	79,340	0	0	0	0
Miscellaneous products	69,008	69,006	2	68,109	68,107	2	899	899	0
Total	2,606,314	2,434,387	171,928	2,330,192	2,218,004	112,186	276,124	216,382	59,740
United States:									
Saw logs	7,161,959	5,156,385	2,005,574	6,726,310	4,907,165	1,819,143	435,651	249,219	186,432
Veneer logs	1,338,791	1,173,435	165,356	1,274,486	1,118,305	156,180	64,306	55,131	9,174
Pulpwood	4,877,555	2,847,095	2,030,460	4,316,687	2,563,598	1,753,088	560,868	283,495	277,372
Composite products	453,057	175,300	277,759	406,666	156,466	250,201	46,390	18,835	27,556
Fuelwood	1,518,572	377,515	1,141,058	574,598	155,138	419,458	943,975	222,377	721,599
Posts, poles, and pilings	177,720	168,925	8,795	166,475	160,039	6,437	11,246	8,886	2,359
Miscellaneous products	155,283	121,867	33,417	136,121	107,216	28,905	19,162	14,651	4,511
Total	15,682,937	10,020,522	5,662,419	13,601,343	9,167,927	4,433,412	2,081,598	852,594	1,229,003

Note: Data may not add to totals because of rounding.

Table 40—Roundwood products, logging residues, and other removals from growing stock and other sources by species group, region, and subregion, 2001

Region, subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
		Thousand cubic feet	
North:			
Northeast:			
Roundwood products—			
Growing stock	1,145,660	392,835	752,824
Other sources	622,143	152,477	469,666
Total	1,767,803	545,312	1,222,490
Logging residues—			
Growing stock[a]	125,957	21,381	104,576
Other sources[b]	585,493	173,648	411,845
Total	711,450	195,029	516,421
Other removals—			
Growing stock[c]	0	0	0
Other sources[d]	10,669	1,400	9,270
Total	10,669	1,400	9,270
Total, all classes—			
Growing stock	1,271,617	414,216	857,400
Other sources	1,218,305	327,525	890,781
Total, all materials	2,489,922	741,741	1,748,181
North Central:			
Roundwood products—			
Growing stock	1,216,878	212,524	1,004,354
Other sources	361,697	29,376	332,321
Total	1,578,575	241,900	1,336,675
Logging residues—			
Growing stock[a]	129,795	8,915	120,880
Other sources[b]	508,842	77,903	430,939
Total	638,637	86,818	551,819
Other removals—			
Growing stock[c]	92,537	7,159	85,377
Other sources[d]	73,385	4,177	69,207
Total	165,922	11,336	154,584
Total, all classes—			
Growing stock	1,439,210	228,598	1,210,611
Other sources	943,924	111,456	832,467
Total, all materials	2,383,134	340,054	2,043,078
North Total:			
Roundwood products—			
Growing stock	2,362,538	605,359	1,757,178
Other sources	983,840	181,853	801,987
Total	3,346,378	787,212	2,559,165
Logging residues—			
Growing stock[a]	255,752	30,296	225,456
Other sources[b]	1,094,335	251,551	842,784
Total	1,350,087	281,847	1,068,240

Table 40—(continued).

Region, subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
		Thousand cubic feet	
Other removals—			
Growing stock[c]	92,537	7,159	85,377
Other sources[d]	84,054	5,577	78,477
Total	176,591	12,736	163,854
Total, all classes—			
Growing stock	2,710,827	642,814	2,068,011
Other sources	2,162,229	438,981	1,723,248
Total, all materials	4,873,056	1,081,795	3,791,259
South:			
Southeast:			
Roundwood products—			
Growing stock	3,621,496	2,610,998	1,010,498
Other sources	263,280	147,001	116,280
Total	3,884,776	2,757,999	1,126,778
Logging residues—			
Growing stock[a]	351,122	169,950	181,172
Other sources[b]	169,860	58,984	110,876
Total	520,982	228,934	292,048
Other removals—			
Growing stock[c]	331,203	132,340	198,863
Other sources[d]	144,997	43,190	101,807
Total	476,200	175,530	300,670
Total, all classes—			
Growing stock	4,303,821	2,913,288	1,390,533
Other sources	578,137	249,175	328,963
Total, all materials	4,881,958	3,162,463	1,719,496
South Central:			
Roundwood products—			
Growing stock	4,803,110	3,268,487	1,534,623
Other sources	408,681	207,424	201,257
Total	5,211,791	3,475,911	1,735,880
Logging residues—			
Growing stock[a]	545,089	200,069	345,020
Other sources[b]	403,575	134,943	268,631
Total	948,664	335,012	613,651
Other removals—			
Growing stock[c]	418,114	131,622	286,493
Other sources[d]	133,674	27,775	105,898
Total	551,788	159,397	392,391
Total, all classes—			
Growing stock	5,766,313	3,600,178	2,166,136
Other sources	945,930	370,142	575,786
Total, all materials	6,712,243	3,970,320	2,741,922

Table 40—(continued).

Region, subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
		Thousand cubic feet	
South total:			
Roundwood products—			
Growing stock	8,424,606	5,879,485	2,545,121
Other sources	671,961	354,425	317,537
Total	9,096,567	6,233,910	2,862,658
Logging residues—			
Growing stock[a]	896,211	370,019	526,192
Other sources[b]	573,435	193,927	379,507
Total	1,469,646	563,946	905,699
Other removals—			
Growing stock[c]	749,317	263,962	485,356
Other sources[d]	278,671	70,965	207,705
Total	1,027,988	334,927	693,061
Total, all classes—			
Growing stock	10,070,134	6,513,466	3,556,669
Other sources	1,524,067	619,317	904,749
Total, all materials	11,594,201	7,132,783	4,461,418
Rocky Mountain:			
Great Plains:			
Roundwood products—			
Growing stock	30,880	21,797	9,083
Other sources	29,478	1,488	27,990
Total	60,358	23,285	37,073
Logging residues—			
Growing stock[a]	3,115	1,742	1,374
Other sources[b]	9,817	7,054	2,763
Total	12,932	8,796	4,137
Other removals—			
Growing stock[c]	5,490	143	5,346
Other sources[d]	10,241	150	10,091
Total	15,731	293	15,437
Total, all classes—			
Growing stock	39,485	23,682	15,803
Other sources	49,536	8,692	40,844
Total, all materials	89,021	32,374	56,647
Intermountain:			
Roundwood products—			
Growing stock	453,128	443,284	9,843
Other sources	120,196	98,445	21,751
Total	573,324	541,729	31,594
Logging residues—			
Growing stock[a]	44,498	43,851	646
Other sources[b]	105,212	102,484	2,727
Total	149,710	146,335	3,373

Table 40—(continued).

Region, subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
	Thousand cubic feet		
Other removals—			
Growing stock[c]	0	0	0
Other sources[d]	0	0	0
Total	0	0	0
Total, all classes—			
Growing stock	497,626	487,135	10,489
Other sources	225,408	200,929	24,478
Total, all materials	723,034	688,064	34,967
Rocky Mountain total:			
Roundwood products—			
Growing stock	484,008	465,081	18,926
Other sources	149,674	99,933	49,741
Total	633,682	565,014	68,667
Logging residues—			
Growing stock[a]	47,613	45,593	2,020
Other sources[b]	115,029	109,538	5,490
Total	162,642	155,131	7,510
Other removals—			
Growing stock[c]	5,490	143	5,346
Other sources[d]	10,241	150	10,091
Total	15,731	293	15,437
Total, all classes—			
Growing stock	537,111	510,817	26,292
Other sources	274,944	209,621	65,322
Total, all materials	812,055	720,438	91,614
Pacific Coast:			
Alaska:			
Roundwood products—			
Growing stock	106,669	104,034	2,635
Other sources	4,184	3,424	760
Total	110,853	107,458	3,395
Logging residues—			
Growing stock[a]	33,654	32,666	989
Other sources[b]	23,415	22,727	688
Total	57,069	55,393	1,677
Other removals—			
Growing stock[c]	2,006	1,996	10
Other sources[d]	0	0	0
Total	2,006	1,996	10
Total, all classes—			
Growing stock	142,329	138,696	3,634
Other sources	27,599	26,151	1,448
Total, all materials	169,928	164,847	5,082

Table 40—(continued).

Region, subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
		Thousand cubic feet	
Pacific Northwest:			
Roundwood products—			
Growing stock	1,647,622	1,545,931	101,692
Other sources	120,157	105,612	14,544
Total	1,767,779	1,651,543	116,236
Logging residues—			
Growing stock[a]	81,538	77,127	4,411
Other sources[b]	83,423	80,151	3,272
Total	164,961	157,278	7,683
Other removals—			
Growing stock[c]	1,005	605	400
Other sources[d]	0	0	0
Total	1,005	605	400
Total, all classes—			
Growing stock	1,730,165	1,623,663	106,503
Other sources	203,580	185,763	17,816
Total, all materials	1,933,745	1,809,426	124,319
Pacific Southwest:			
Roundwood products—			
Growing stock	575,900	568,040	7,860
Other sources	151,782	107,346	44,436
Total	727,682	675,386	52,296
Logging residues—			
Growing stock[a]	57,590	56,804	786
Other sources[b]	46,386	46,386	0
Total	103,976	103,190	786
Other removals—			
Growing stock[c]	22	9	13
Other sources[d]	222	77	145
Total	244	86	158
Total, all classes—			
Growing stock	633,512	624,853	8,659
Other sources	198,390	153,809	44,581
Total, all materials	831,902	778,662	53,240
Pacific Coast total:			
Roundwood products—			
Growing stock	2,330,191	2,218,005	112,187
Other sources	276,123	216,382	59,740
Total	2,606,314	2,434,387	171,927
Logging residues—			
Growing stock[a]	172,782	166,597	6,186
Other sources[b]	153,224	149,264	3,960
Total	326,006	315,861	10,146
Other removals—			
Growing stock[c]	3,033	2,610	423
Other sources[d]	222	77	145
Total	3,255	2,687	568

Table 40—(continued).

Region, subregion, class of material, and source of material	Total	Species group Softwoods	 Hardwoods
		Thousand cubic feet	
Total, all classes—			
Growing stock	2,506,006	2,387,212	118,796
Other sources	429,569	365,723	63,845
Total, all materials	2,935,575	2,752,935	182,641
United States:			
Roundwood products—			
Growing stock	13,601,343	9,167,930	4,433,412
Other sources	2,081,598	852,593	1,229,005
Total	15,682,941	10,020,523	5,662,417
Logging residues—			
Growing stock[a]	1,372,358	612,505	759,854
Other sources[b]	1,936,023	704,280	1,231,741
Total	3,308,381	1,316,785	1,991,595
Other removals—			
Growing stock[c]	850,377	273,874	576,502
Other sources[d]	373,188	76,769	296,418
Total	1,223,565	350,643	872,920
Total, all classes—			
Growing stock	15,824,078	10,054,309	5,769,768
Other sources	4,390,809	1,633,642	2,757,164
Total, all materials	20,214,887	11,687,951	8,526,932

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[a] Growing-stock volume cut or knocked down during harvest but left at the harvest site.

[b] Wood volume other than growing stock cut or knocked down during harvest but left on the ground. This volume is net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; includes downed dead and cull trees, tops above the 4-inch growing-stock top, and smaller than 5 inches d.b.h.; excludes stumps and limbs.

[c] Growing-stock volume removed by cultural operations or timberland clearing.

[d] Wood volume other than growing stock removed by cultural operations or timberland clearing. This volume is net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; includes downed dead and cull trees, tops above the 4-inch growing-stock top, and smaller than 5 inches dbh; excludes stumps and limbs.

Note: Data may not add to totals because of rounding.

Table 41—Weight of bark and wood residue from primary wood-using mills by type of material, species group, region, subregion, and type of use, 2001

	Total residue			Bark residue			All materials			Coarse materials			Fine materials		
Region, subregion, and type of use	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
							Thousand dry tons								
North:															
Northeast:															
Fiber products	1,484	329	1,155	46	13	32	1,438	316	1,122	1,369	285	1,084	70	31	38
Fuel	1,971	397	1,574	317	70	247	1,654	327	1,327	997	215	782	656	112	544
Other uses	2,208	499	1,709	717	135	582	1,490	364	1,126	302	65	237	1,188	299	889
Not used	404	101	302	109	28	80	295	73	222	158	44	114	137	29	108
Total	6,067	1,326	4,740	1,189	246	941	4,877	1,080	3,797	2,826	609	2,217	2,051	471	1,579
North Central:															
Fiber products	1,486	166	1,320	29	0	28	1,458	166	1,292	1,404	164	1,240	53	1	52
Fuel	3,512	585	2,927	1,739	332	1,407	1,773	253	1,520	761	56	705	1,012	196	816
Other uses	2,329	225	2,104	867	69	799	1,462	156	1,306	606	79	527	856	78	779
Not used	388	49	340	117	16	101	271	33	238	110	15	95	162	18	144
Total	7,715	1,025	6,691	2,752	417	2,335	4,964	608	4,356	2,881	314	2,567	2,083	293	1,791
North total:															
Fiber products	2,970	495	2,475	74	14	61	2,896	482	2,414	2,773	449	2,324	123	33	90
Fuel	5,483	982	4,501	2,057	403	1,654	3,427	579	2,847	1,758	271	1,487	1,668	308	1,360
Other uses	4,537	724	3,813	1,585	204	1,381	2,952	520	2,432	908	143	764	2,045	377	1,668
Not used	792	150	642	226	44	182	566	106	461	268	59	209	298	47	252
Total	13,782	2,351	11,431	3,942	665	3,278	9,841	1,687	8,154	5,707	922	4,784	4,134	765	3,370
South:															
Southeast:															
Fiber products	5,815	4,441	1,374	5	3	2	5,810	4,438	1,372	4,884	3,579	1,305	926	859	67
Fuel	5,914	4,039	1,875	2,780	1,890	889	3,134	2,149	985	271	160	111	2,863	1,989	874
Other uses	2,049	1,438	611	1,041	632	409	1,008	806	201	280	193	87	727	613	114
Not used	123	48	75	51	27	24	72	21	51	33	14	18	40	7	33
Total	13,901	9,966	3,935	3,877	2,552	1,324	10,024	7,414	2,609	5,468	3,946	1,521	4,556	3,468	1,088
South Central:															
Fiber products	11,727	9,197	2,530	1	0	1	11,726	9,197	2,529	10,694	8,231	2,463	1,032	966	66
Fuel	15,440	10,594	4,846	7,362	4,935	2,427	8,078	5,660	2,419	1,166	670	496	6,912	4,990	1,922
Other uses	3,197	2,056	1,141	1,111	617	494	2,086	1,439	647	767	563	204	1,319	877	442
Not used	450	158	291	103	33	69	347	125	222	161	34	127	186	91	95
Total	30,814	22,005	8,808	8,577	5,585	2,991	22,237	16,421	5,817	12,788	9,498	3,290	9,449	6,924	2,525
South total:															
Fiber products	17,542	13,638	3,904	6	3	3	17,536	13,635	3,901	15,578	11,810	3,768	1,958	1,825	133
Fuel	21,354	14,633	6,721	10,142	6,825	3,317	11,212	7,808	3,404	1,438	830	608	9,775	6,978	2,796
Other uses	5,246	3,494	1,752	2,152	1,249	903	3,094	2,246	848	1,047	756	292	2,046	1,490	557
Not used	573	206	367	154	60	93	419	146	273	194	48	146	225	97	128
Total	44,715	31,971	12,744	12,454	8,137	4,316	32,261	23,835	8,426	18,257	13,444	4,814	14,004	10,390	3,614
Rocky Mountain:															
Great Plains:															
Fiber products	111	107	4	0	0	0	111	107	4	91	87	4	19	19	0
Fuel	47	41	5	32	30	1	15	11	4	8	5	3	7	6	0
Other uses	94	25	69	31	15	16	63	11	52	31	1	31	32	10	22
Not used	23	5	19	6	2	4	17	3	14	11	1	10	6	2	5
Total	275	178	97	69	47	21	206	132	74	141	94	48	64	37	27

Table 41—(continued).

	Total residue			Bark residue			All materials			Coarse materials			Fine materials		
Region, subregion, and type of use	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
							Thousand dry tons								
Intermountain:															
Fiber products	4,325	4,321	4	0	0	0	4,325	4,321	4	3,186	3,182	4	1,139	1,139	0
Fuel	2,147	2,143	4	1,137	1,136	1	1,011	1,007	4	151	150	1	860	857	3
Other uses	409	406	3	137	136	1	272	270	2	81	81	0	191	189	2
Not used	268	265	3	131	130	1	136	135	2	67	65	1	70	70	0
Total	7,149	7,135	14	1,405	1,402	3	5,744	5,733	12	3,485	3,478	6	2,260	2,255	5
Rocky Mountain total:															
Fiber products	4,436	4,428	8	0	0	0	4,436	4,428	8	3,277	3,269	8	1,159	1,159	0
Fuel	2,194	2,184	10	1,168	1,166	2	1,026	1,018	8	160	155	4	866	863	3
Other uses	503	431	72	168	151	18	335	280	55	112	81	31	223	199	24
Not used	291	270	21	137	132	5	154	138	16	78	67	11	76	71	5
Total	7,424	7,313	111	1,473	1,449	25	5,951	5,864	87	3,627	3,572	54	2,324	2,292	32
Pacific Coast:															
Alaska:															
Fiber products	69	69	0	0	0	0	69	69	0	69	69	0	0	0	0
Fuel	28	28	0	0	0	0	28	28	0	8	8	0	20	20	0
Other uses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not used	128	118	10	89	86	3	39	32	7	29	24	6	10	9	2
Total	225	215	10	89	86	3	136	129	7	106	101	6	30	29	2
Pacific Northwest:															
Fiber products	7,304	6,987	317	1	1	0	7,303	6,986	316	5,062	4,772	291	2,240	2,215	26
Fuel	3,986	3,606	380	2,385	2,221	165	1,601	1,385	216	561	443	119	1,039	942	97
Other uses	1,219	1,110	109	335	305	31	884	805	79	600	566	34	284	239	45
Not used	15	15	0	7	7	0	7	7	0	4	4	0	4	4	0
Total	12,524	11,718	806	2,728	2,534	196	9,795	9,183	611	6,227	5,785	444	3,567	3,400	168
Pacific Southwest:															
Fiber products	2,147	2,144	3	15	15	0	2,132	2,129	3	1,592	1,589	3	540	540	0
Fuel	2,286	2,284	1	850	849	1	1,436	1,436	0	544	544	0	892	891	0
Other uses	382	382	0	119	119	0	263	263	0	88	88	0	175	175	0
Not used	8	8	0	8	8	0	0	0	0	0	0	0	0	0	0
Total	4,823	4,818	4	992	991	1	3,831	3,828	3	2,224	2,221	3	1,607	1,606	0
Pacific Coast total:															
Fiber products	9,520	9,200	320	16	15	0	9,504	9,185	320	6,724	6,430	294	2,781	2,755	26
Fuel	6,300	5,918	382	3,235	3,069	166	3,064	2,848	216	1,114	995	119	1,951	1,853	97
Other uses	1,602	1,492	110	454	424	31	1,147	1,068	79	688	654	34	459	414	45
Not used	151	141	10	104	101	3	47	40	7	33	27	6	14	12	2
Total	17,573	16,751	822	3,809	3,609	200	13,762	13,141	622	8,559	8,106	453	5,205	5,034	170
United States:															
Fiber products	34,469	27,762	6,707	96	32	64	34,373	27,730	6,643	28,352	21,958	6,394	6,020	5,771	249
Fuel	35,331	23,718	11,614	16,602	11,463	5,139	18,729	12,254	6,475	4,469	2,251	2,218	14,260	10,003	4,257
Other uses	11,887	6,141	5,746	4,359	2,027	2,332	7,528	4,114	3,414	2,756	1,634	1,121	4,773	2,480	2,293
Not used	1,807	767	1,040	621	338	283	1,186	429	757	572	201	371	614	228	386
Total	83,494	58,388	25,107	21,678	13,860	7,818	61,816	44,527	17,289	36,149	26,044	10,104	25,667	18,482	4,892

Note: Data may not add to totals because of rounding.

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Smith, W. Brad; Miles, Patrick D.; Vissage, John S.; Pugh, Scott A. 2004. **Forest Resources of the United States, 2002.** Gen. Tech. Rep. NC-241. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Research Station. 137 p.

An update of forest statistics from the 1997 Resources Planning Act (RPA) Assessment were updated to 2002 to provide current information on the Nation's forests. Resource tables present estimates of forest area, volume, mortality, growth, removals, and timber products output in various ways, such as by ownership, region, or State. Historic data for 1953, 1963, 1977, 1987, and 1997 are included for resource trend analysis. A compact disk contains the summary data, and a computerized tool that allows readers to make customized analyses.

KEY WORDS: RPA, assessment, inventory, forest statistics, area, volume, trends.

RPA DATA WIZ CD

The included CD contains the RPA Data Wiz, a computer desktop application that allows custom summaries of Resource Planning Act (RPA) Assessment forest information. Summary tables, graphs, and choropleth maps can be produced with this software. A number of variables can be analyzed. Volumes for growing stock, live cull, dead salvable, net growth, and mortality can be estimated. Acreage, biomass, and tree count estimates are also available. Currently, removals are not available in this software. There is an English and a Metric version of RPA Data Wiz.

Requirements to use RPA Data Wiz

Your computer must have one of the following operating systems:

- Windows 95, 98, XP, 2000 or NT 4.0
- Windows 2000 Service Pack 2 or higher

Your computer must have the following:

- CD-ROM or DVD-ROM drive
- Color monitor with 256 or more colors
- Microsoft Internet Explorer Version 5.0 or higher
- 848 MB of hard disk space for one version (1030 MB for both English and metric versions)

The following items are recommendations, but are not essential:

- 200 MB of virtual memory
- 512 MB of RAM
- Pentium III processor or later
- 14 inch computer monitor
- Monitor resolution of 1024 X 768
- High color (16 bit) display

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FOREST SERVICE

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